

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 2610 - L2 Version 3
Chandra X-Ray Center

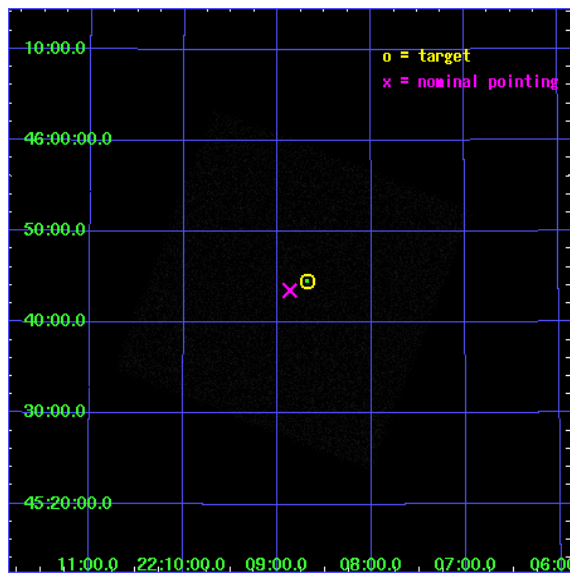
L2 Processing Date : Nov 21 2007

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1 Front

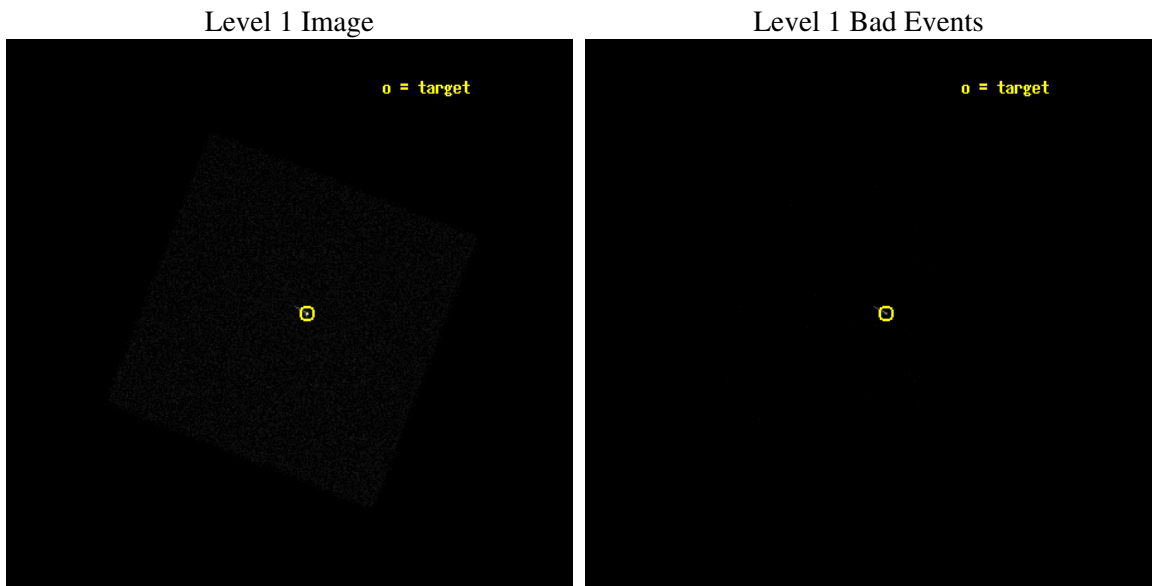
seq_num	290166
obs_id	2610
title	AO3 HRC-I CALIBRATION OBSERVATION: MINI-SCAN OF ARLAC
observer	Dr. CXC Calibration
object	ARLAC
ra_targ	332.17
dec_targ	45.742306
ra_nom	332.21722058222
dec_nom	45.726042420518
roll_nom	336.41594989995
revision	3
ontime	1198.4812982827
livetime	1191.7781809311
l2events	38299



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	2007-11-21T16:55:37
revision	3

sched_exp_time	1000.000000
ontime	1198.4812982827
l1events	68936

2.1.3 Events

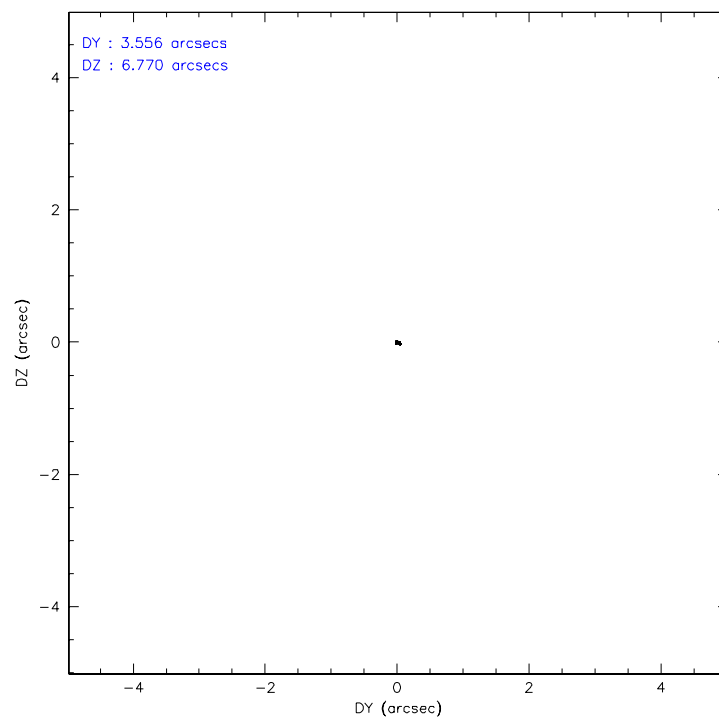
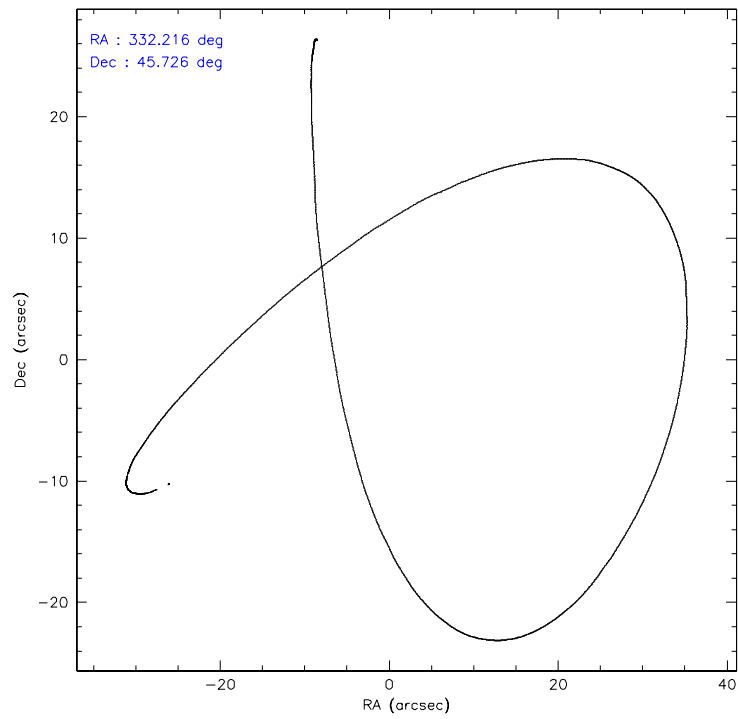
Level 1 Events

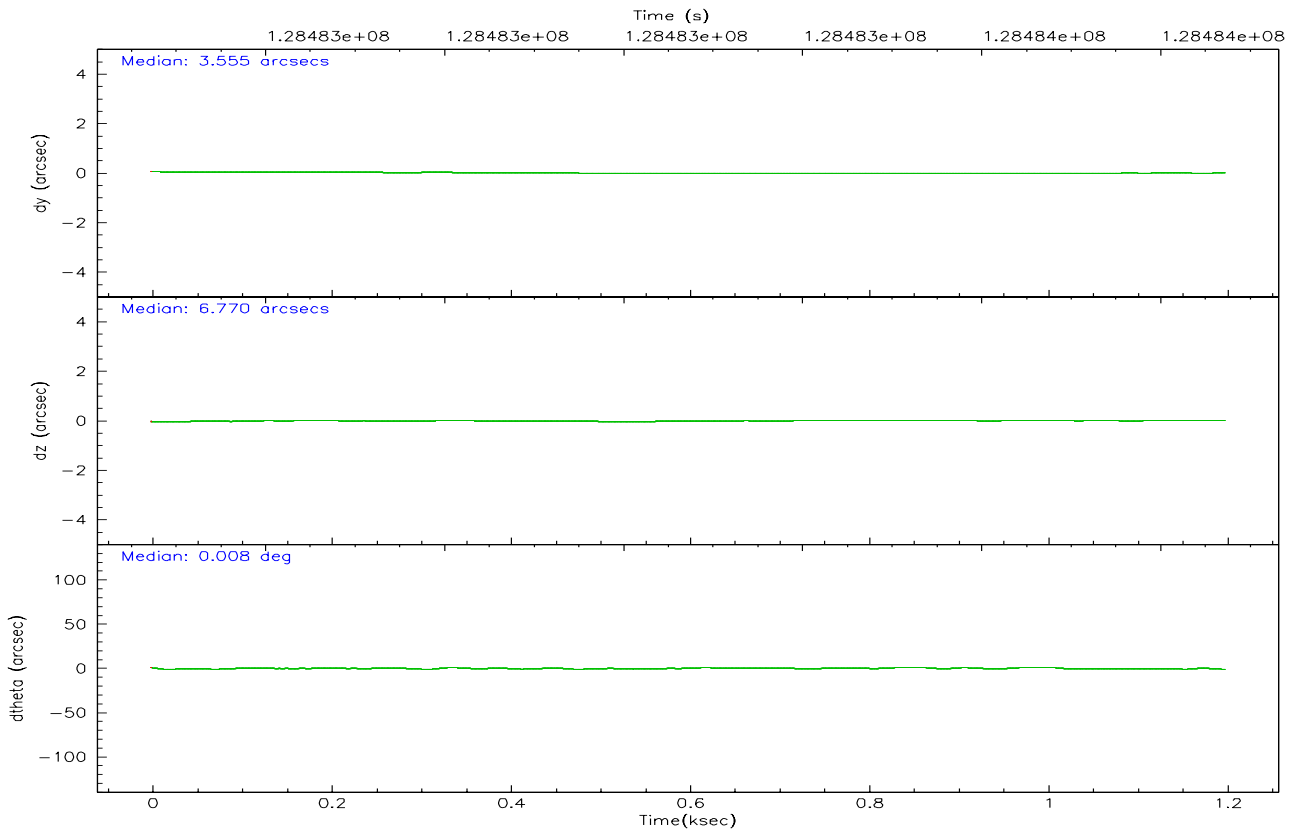
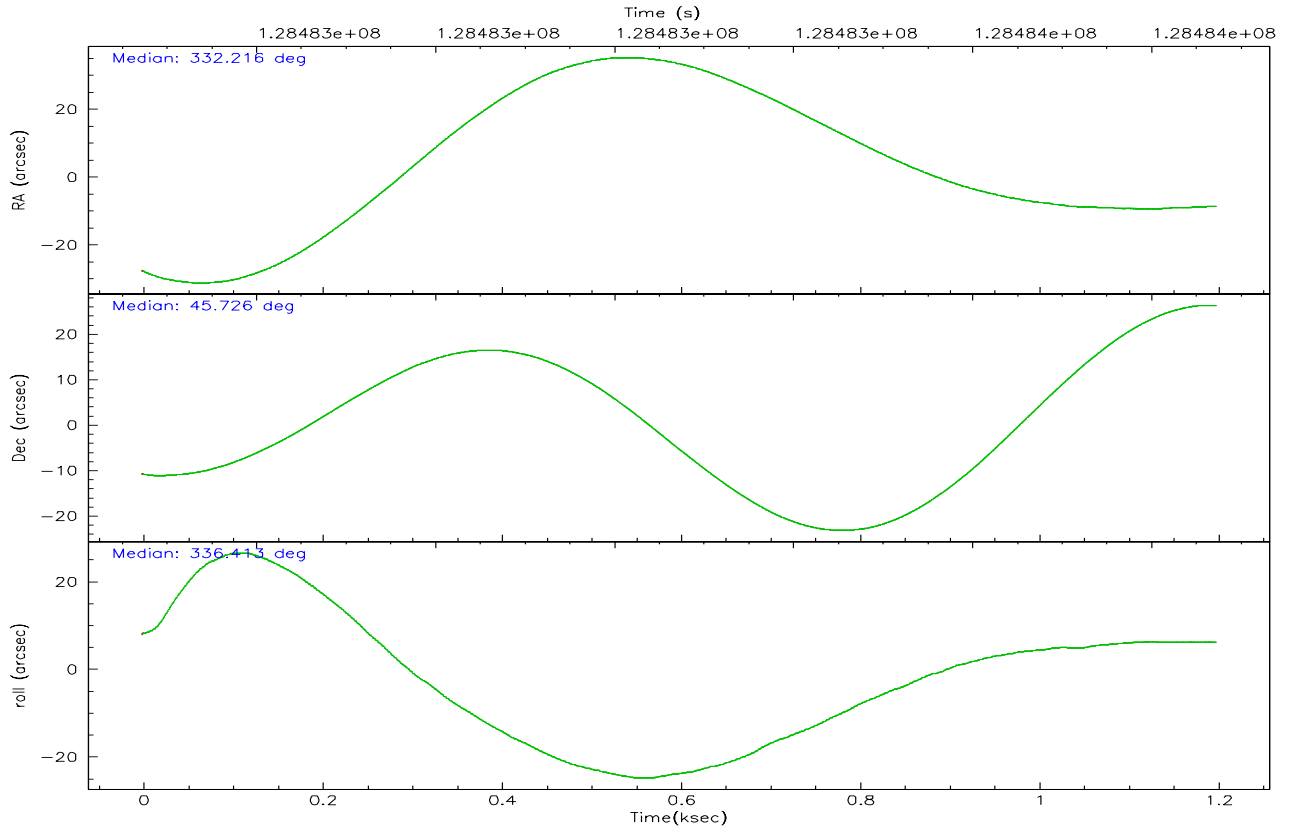
	segment 0
level 1 events	68936
rejected events	14305
rejected %	20%

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	332.179465	332.217220582217			
Pointing Dec	45.722363	45.72604242051798			
Pointing Roll	336.538615	336.4159498999472			
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	128482869.184000	128482493.33994			
Observation start date	2002-01-27T01:40:05	2002-01-27T01:34:53			
Observation end time	128483869.184000	128484003.6775			
Observation end date	2002-01-27T01:56:45	2002-01-27T02:00:03			

2.3 Aspect



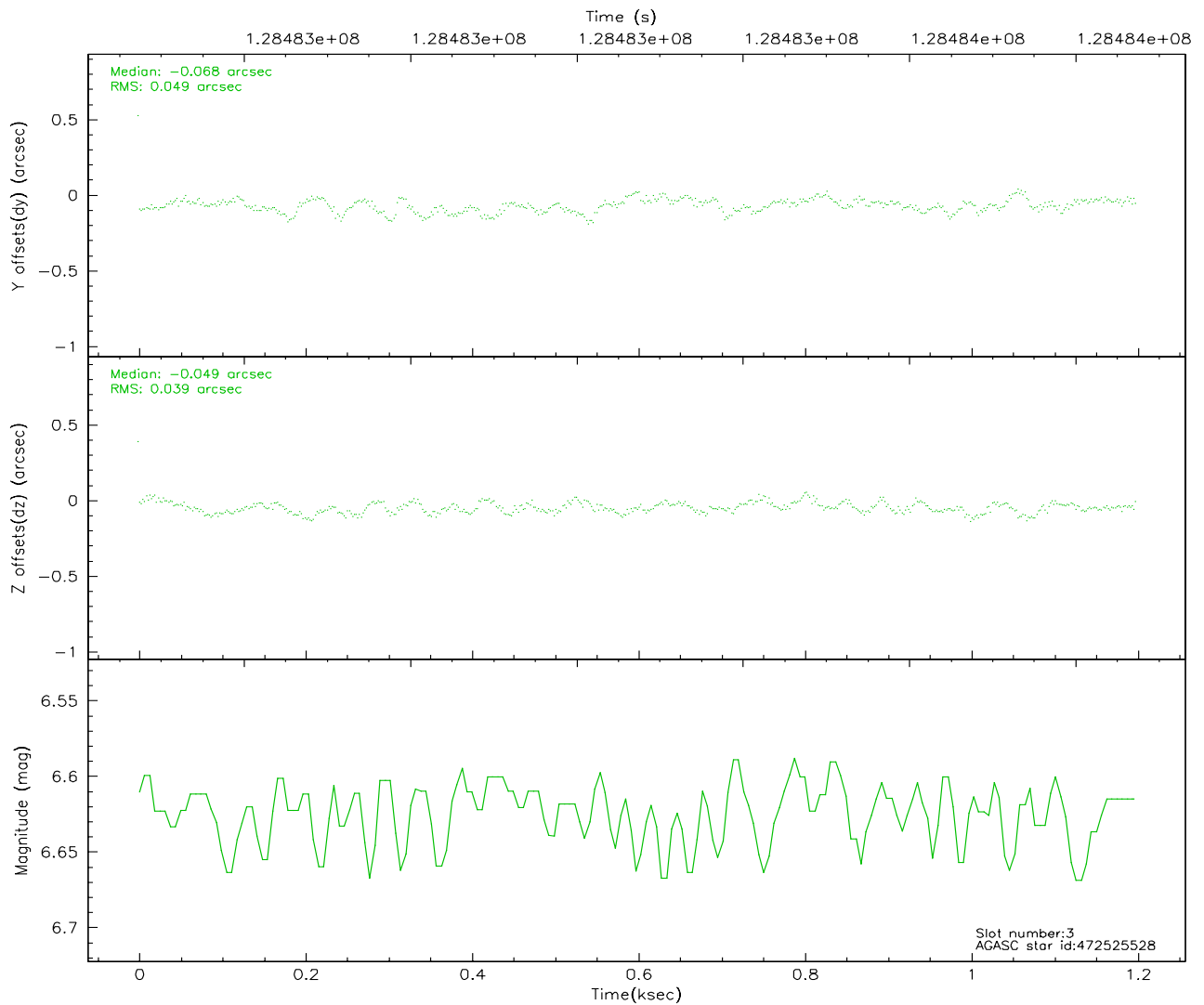
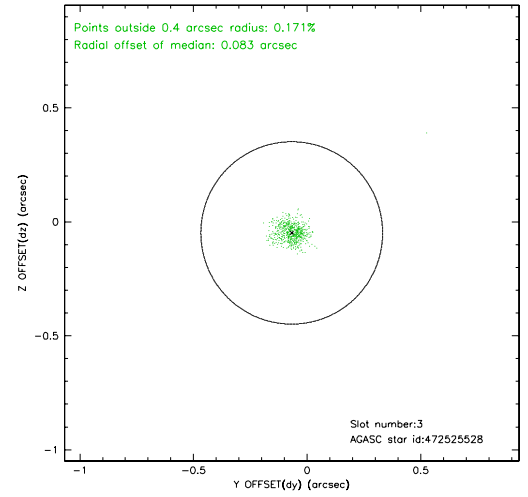
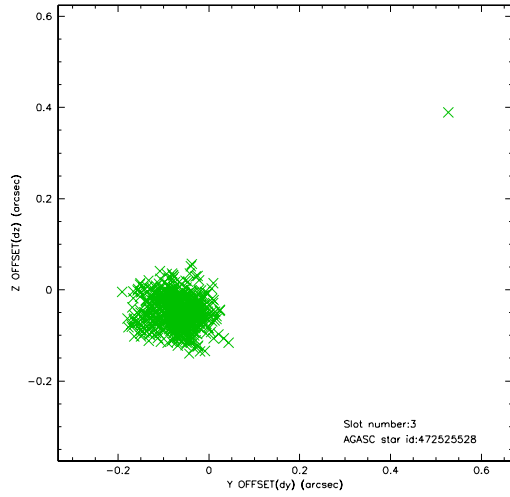


Slot Statistics

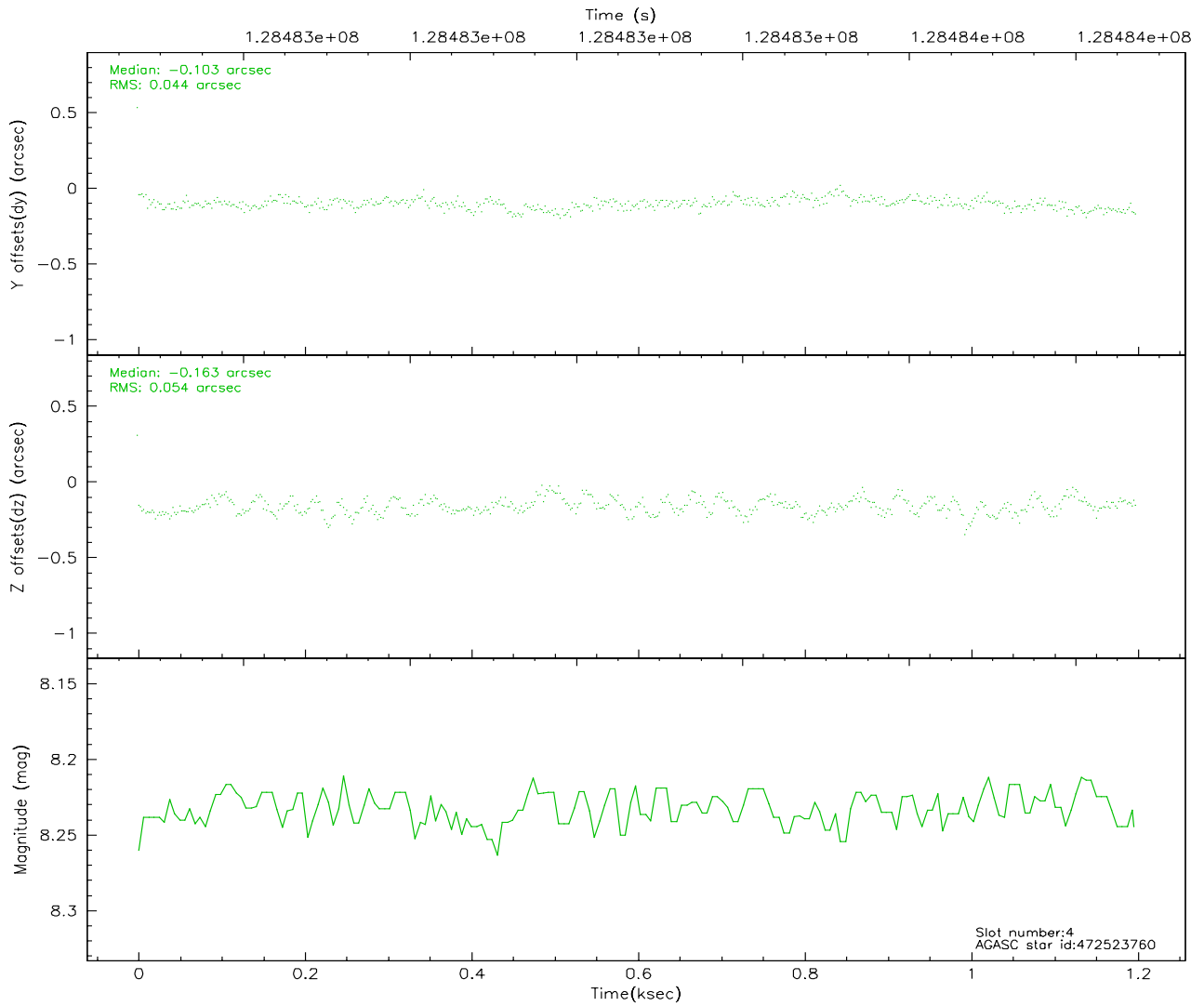
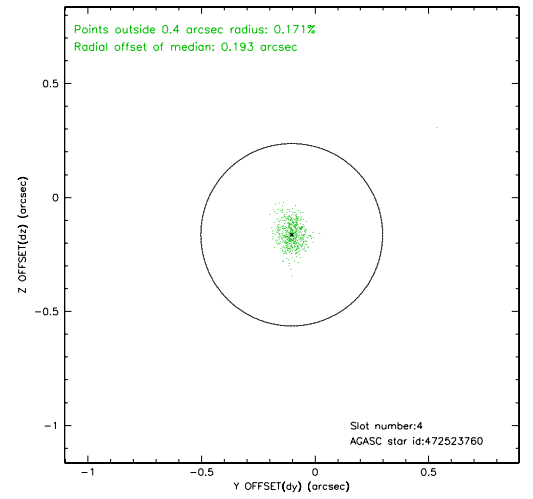
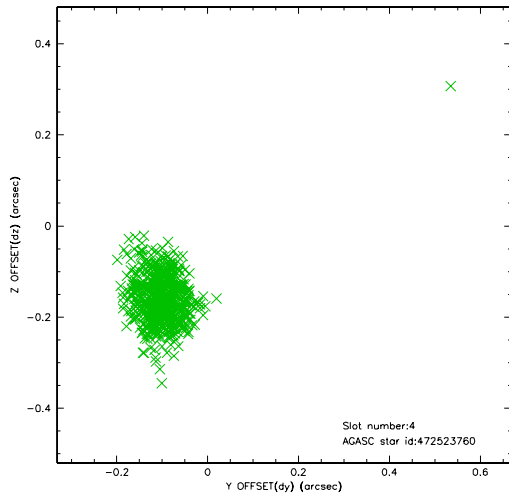
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	293	0.024	0.026	0.007	0.012	0.000000	0.000000	-759.01	-1294.64
1	FID	HRC-I-2	6.99	293	0.072	-0.062	0.006	0.010	0.000000	0.000000	851.08	-1300.69
2	FID	HRC-I-3	7.04	293	0.023	-0.054	0.006	0.010	0.000000	0.000000	-1184.63	1005.40
3	GUIDE	472525528	6.62	586	-0.068	-0.049	0.057	0.096	331.551102	45.248694	-782.62	-2192.79
4	GUIDE	472523760	8.23	586	-0.103	-0.163	0.066	0.108	331.645363	45.403260	-782.32	-1591.24
5	GUIDE	472659832	9.47	585	-0.028	0.087	0.116	0.191	332.780399	46.098139	835.67	1840.75
6	GUIDE	472655152	9.43	586	0.065	0.068	0.098	0.162	332.504239	45.862991	547.98	793.21
7	GUIDE	472646552	9.65	585	0.141	0.036	0.117	0.180	333.120915	45.571877	2389.32	461.88

2.4 Star Slots

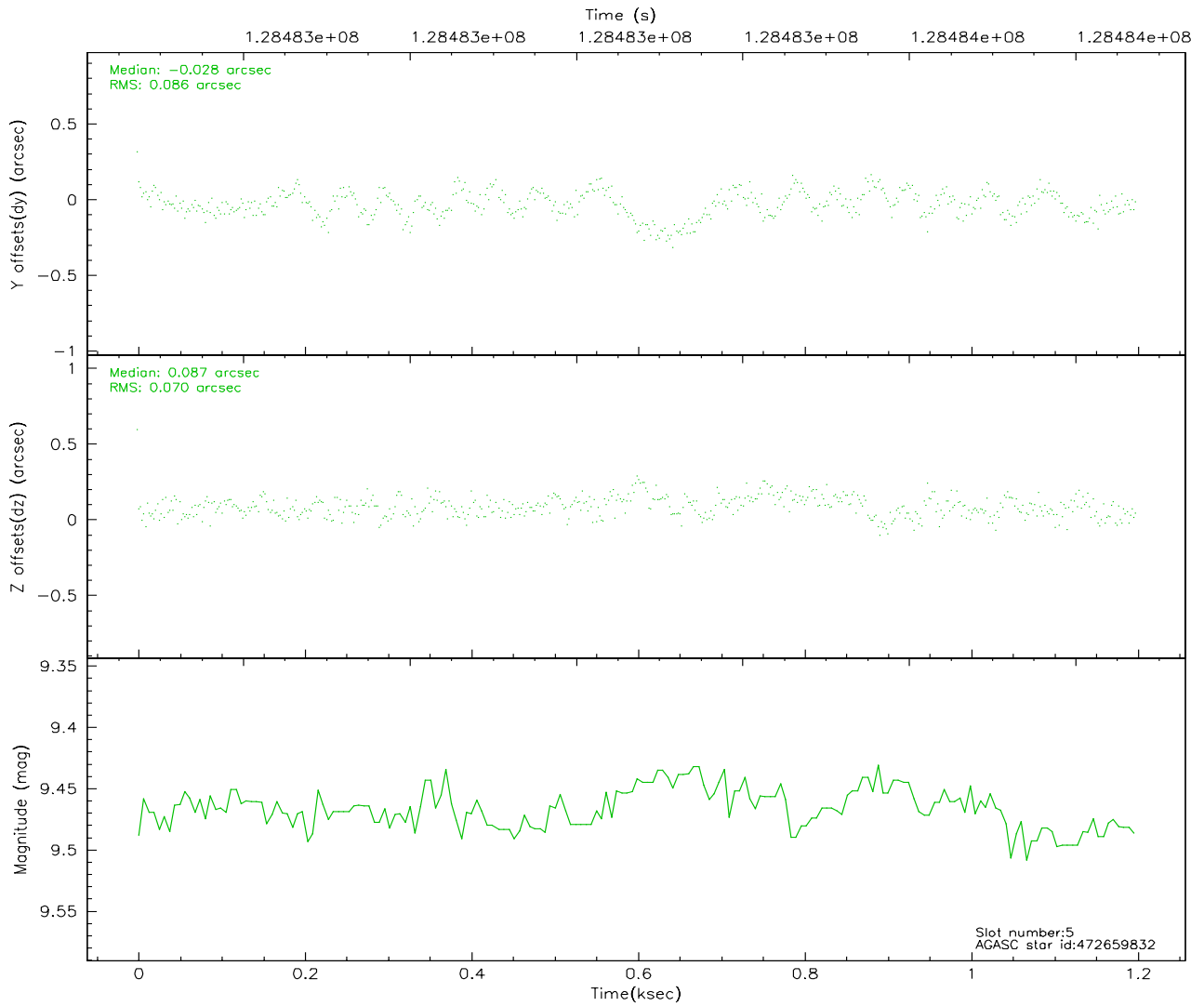
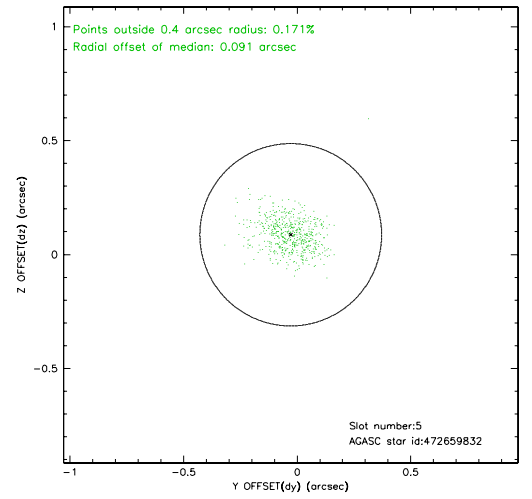
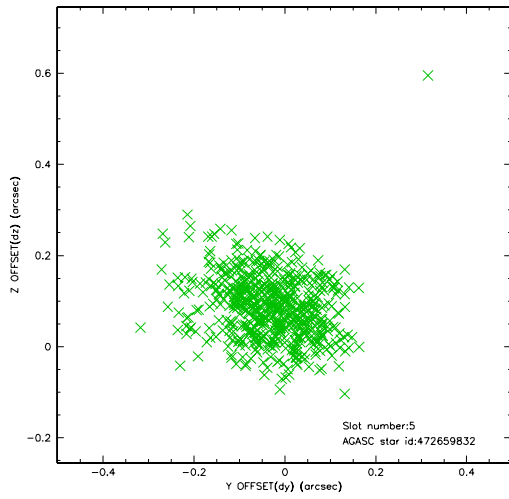
2.4.1 Slot 3



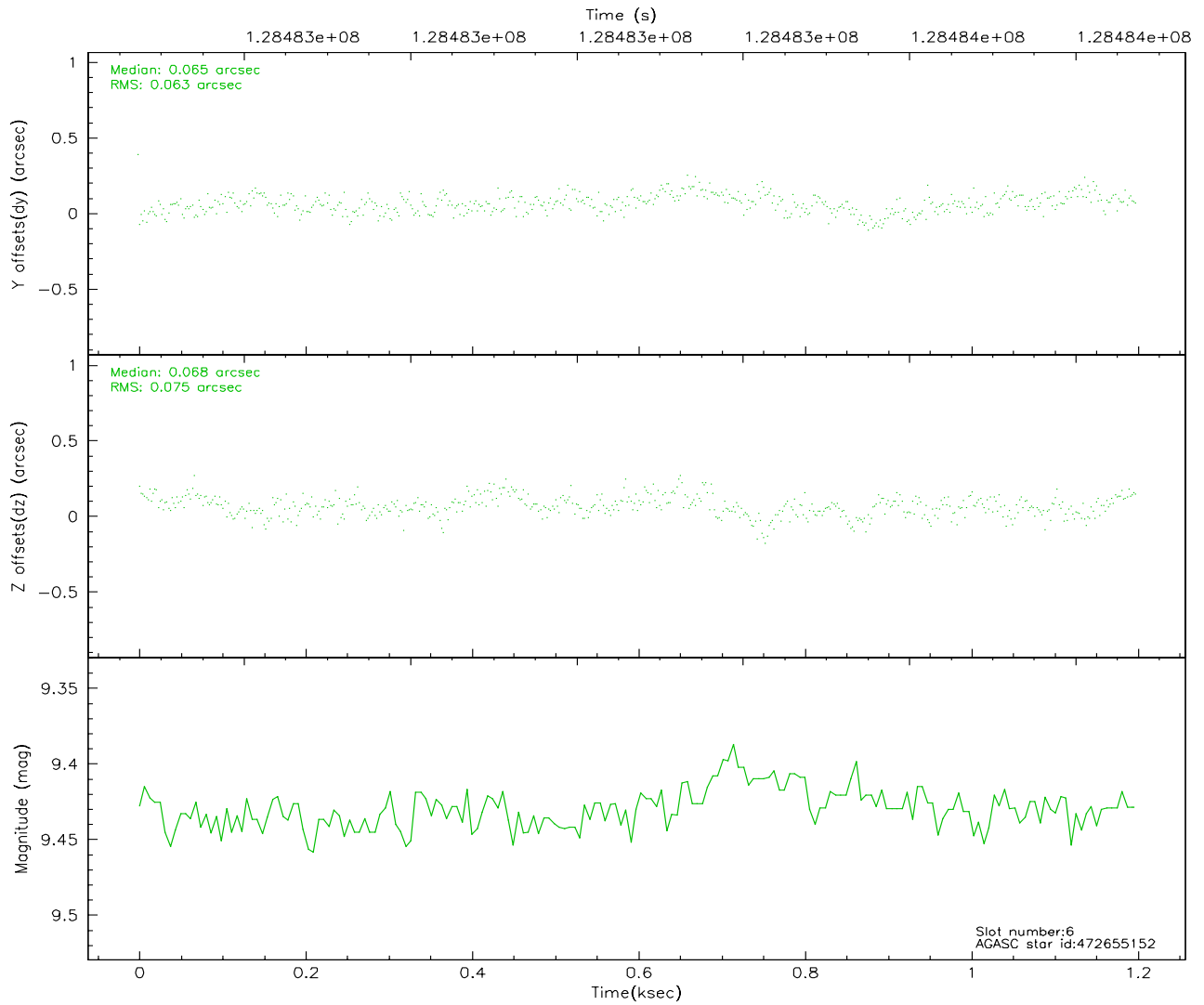
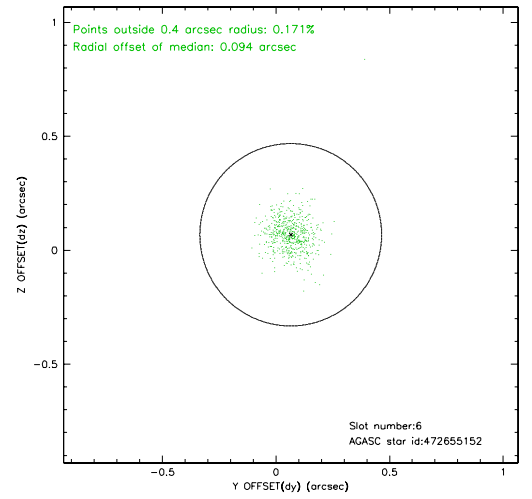
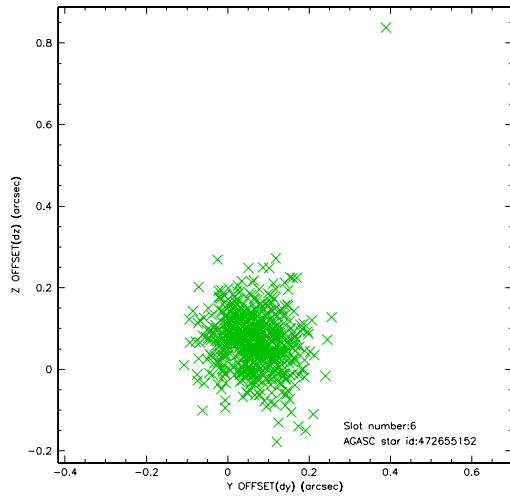
2.4.2 Slot 4



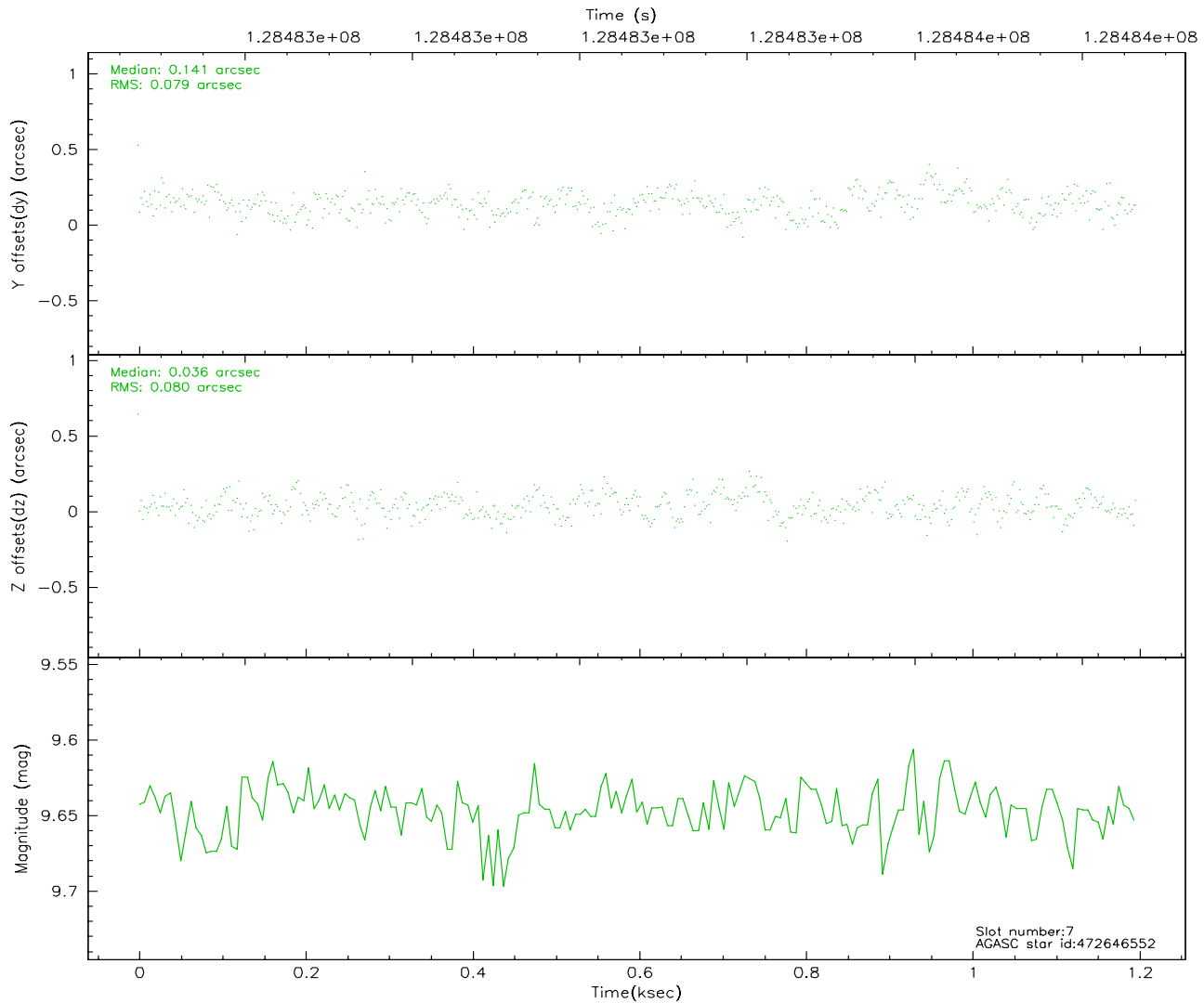
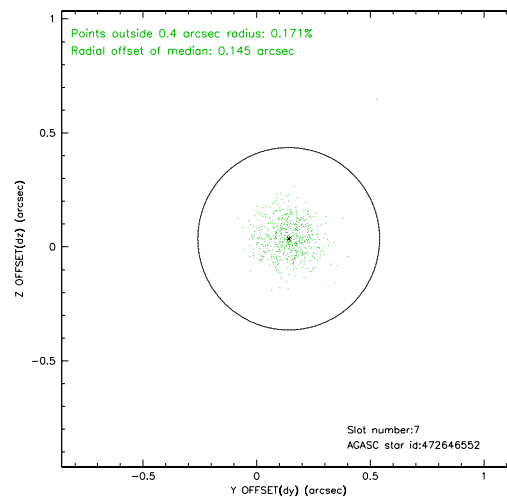
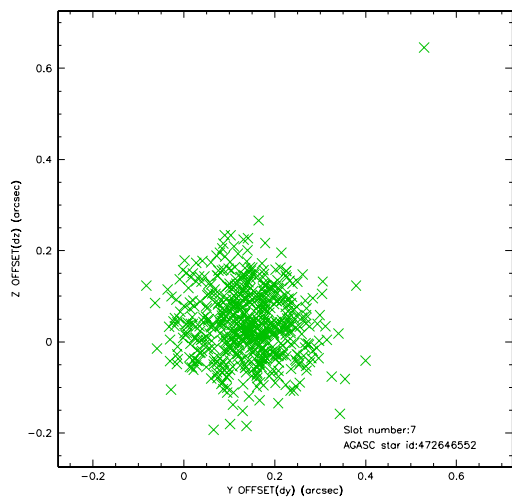
2.4.3 Slot 5



2.4.4 Slot 6

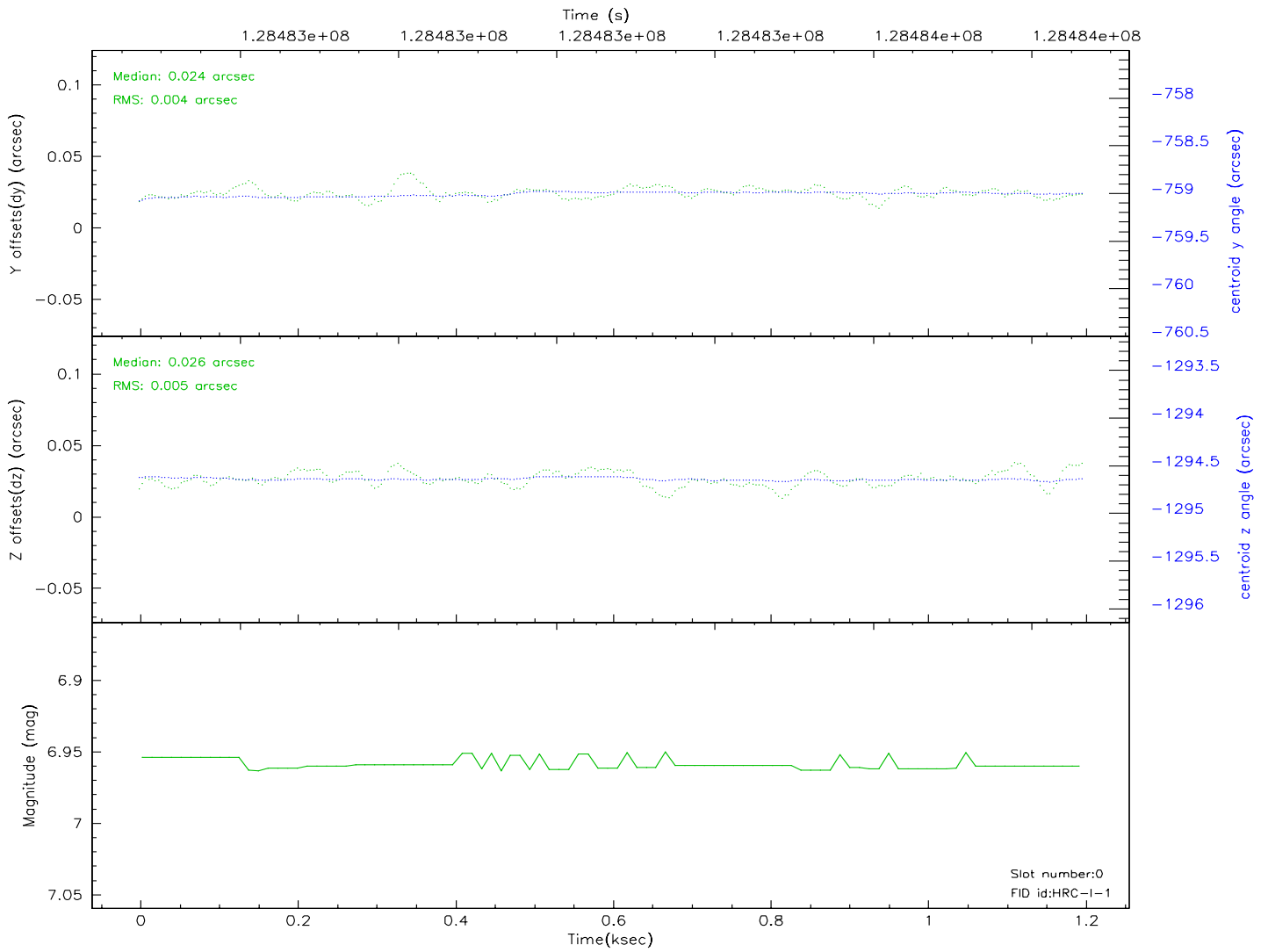
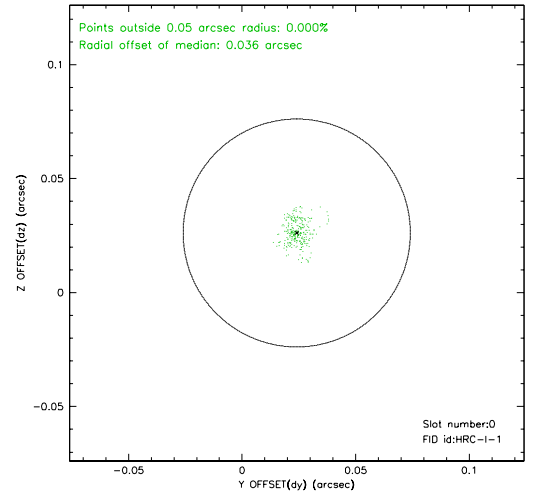
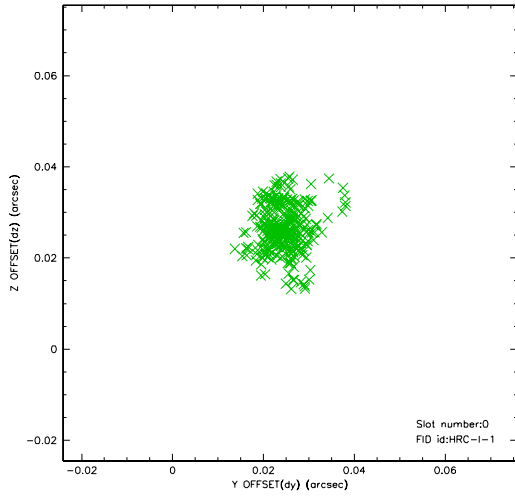


2.4.5 Slot 7

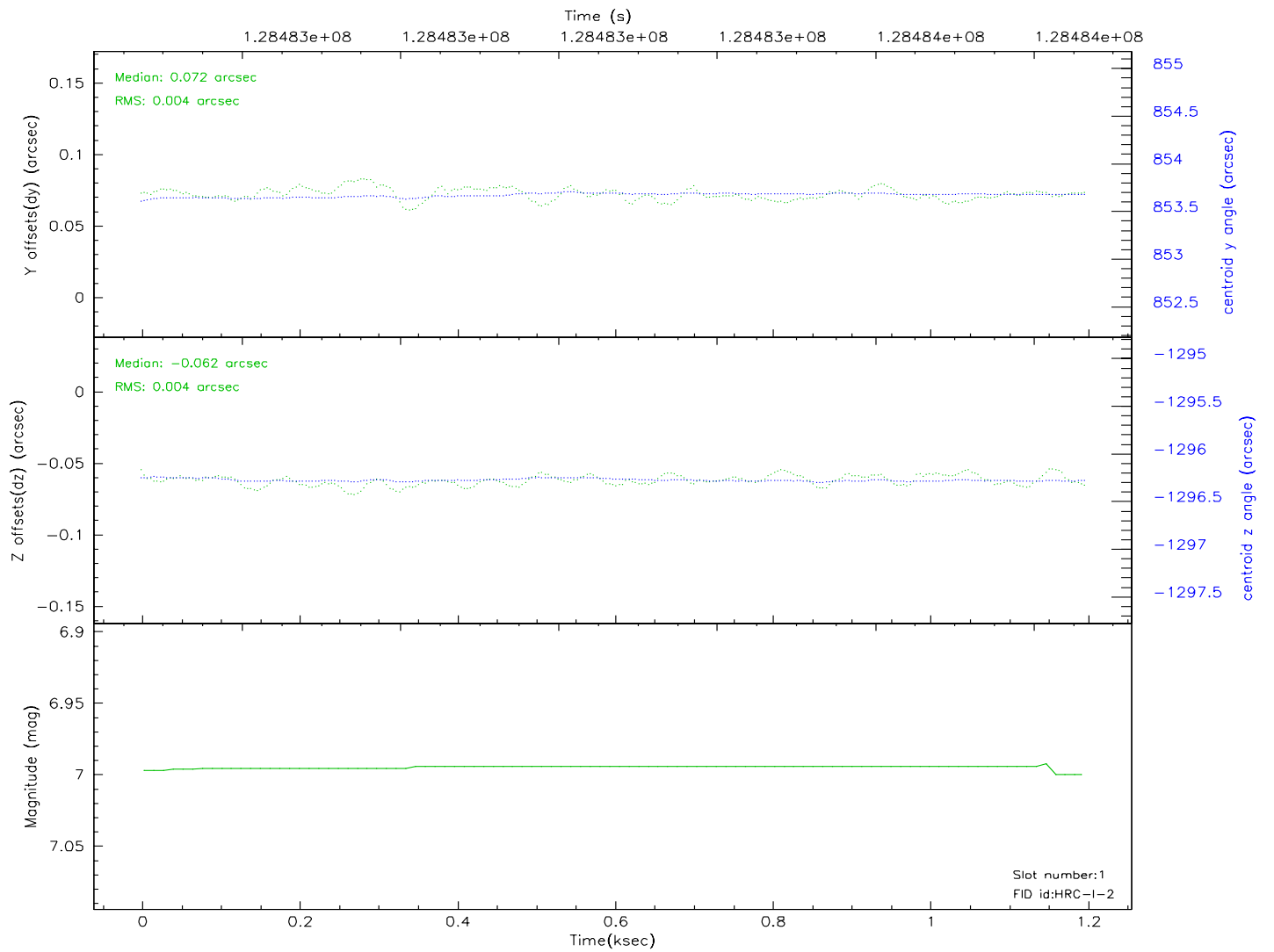
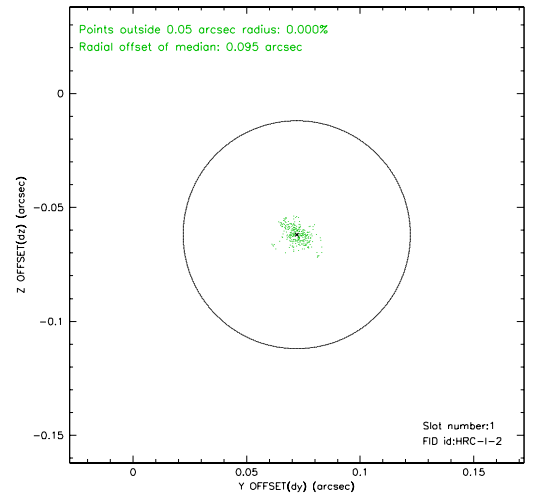
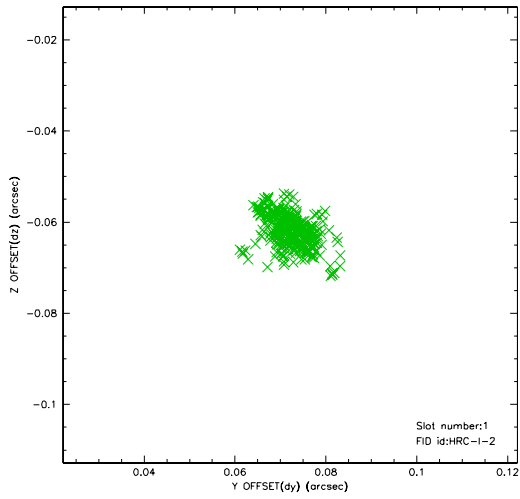


2.5 FID Slots

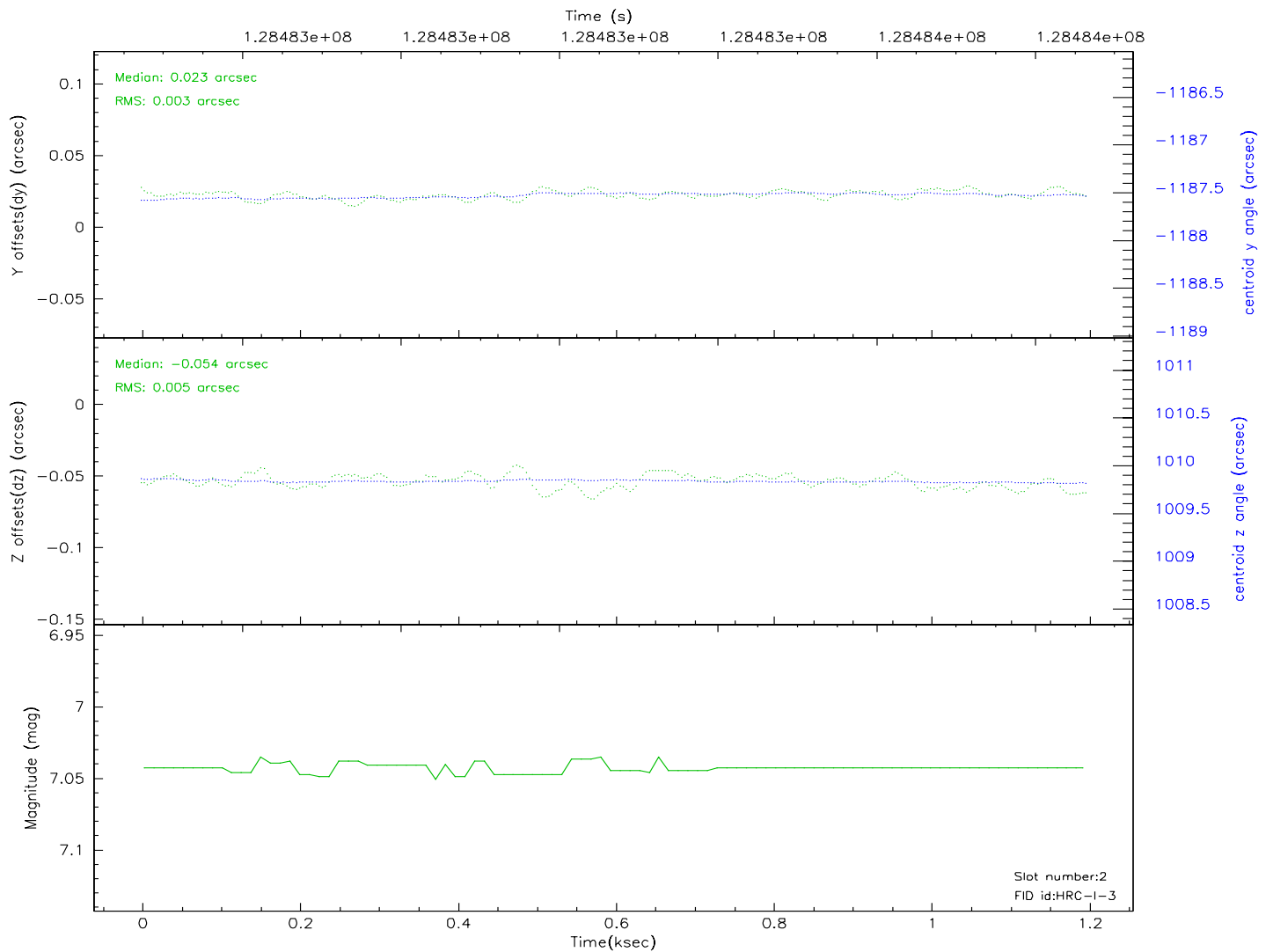
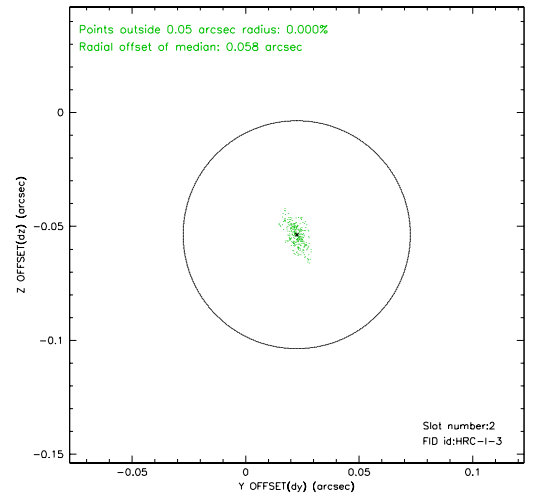
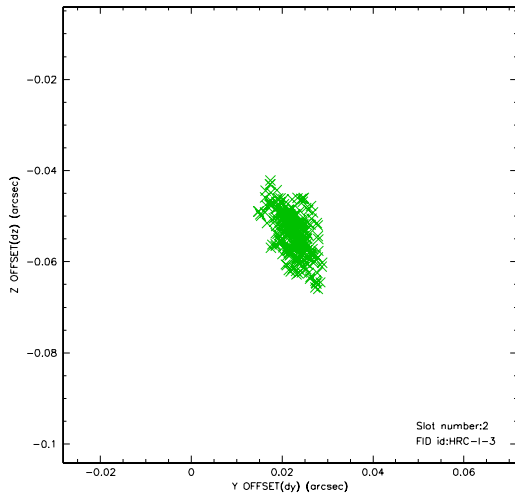
2.5.1 Slot 0



2.5.2 Slot 1

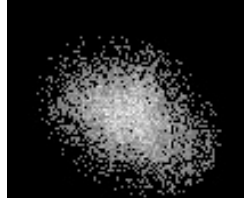


2.5.3 Slot 2



3 Point Sources

2.20 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.198

A.2 Comments

Monitor constraint met.

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.