

V&V Reference Report

L2 ASCDS Version : 10.4

Observation 14917 - L2 Version 3
Chandra X-Ray Center

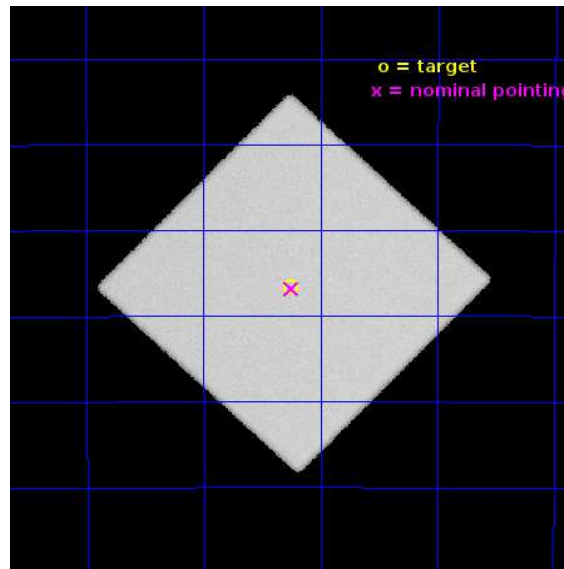
L2 Processing Date : Jun 10 2015

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

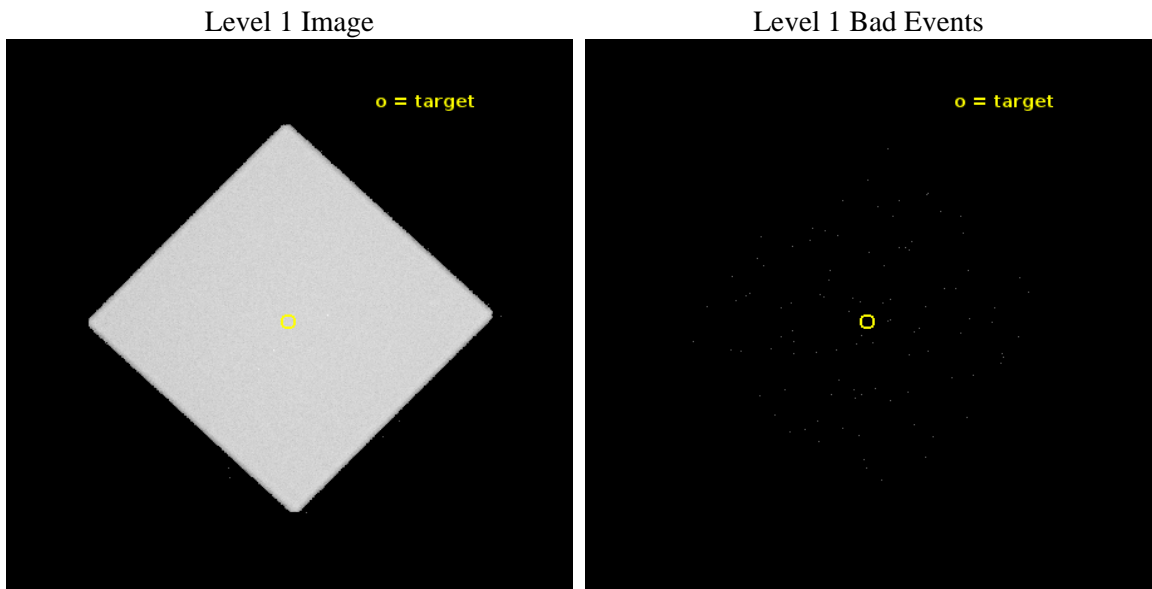
seq_num	601047	Sequence number
obs_id	14917	Observation id
title	Seeing through Baade's Window: Discovering X-Ray Sources that have Long-Term Optical Light Curves	Proposal title
observer	Dr. Rosanne Di Stefano	Principal investigator
object	Baade's Window HRC-2	Source name
ra_targ	269.814167	Observer's specified target RA [deg]
dec_targ	-28.942861	Observer's specified target Dec [deg]
ra_nom	269.81228716209	Nominal RA [deg]
dec_nom	-28.946789604638	Nominal Dec [deg]
roll_nom	268.78647393377	Nominal Roll [deg]
revision	3	Processing version of data
ontime	28918.582829714	[s]
livetime	28693.741061083	Ontime multiplied by DTCOR
l2events	1770319	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	29000.000000	[s] Scheduled observation exposure time
ascdsver	10.4	Processing system revision	ontime	28918.582829714	[s]
caldbver	4.6.7	 	l1events	2400576	Number of level 1 events
date	2015-06-10T14:46:02	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

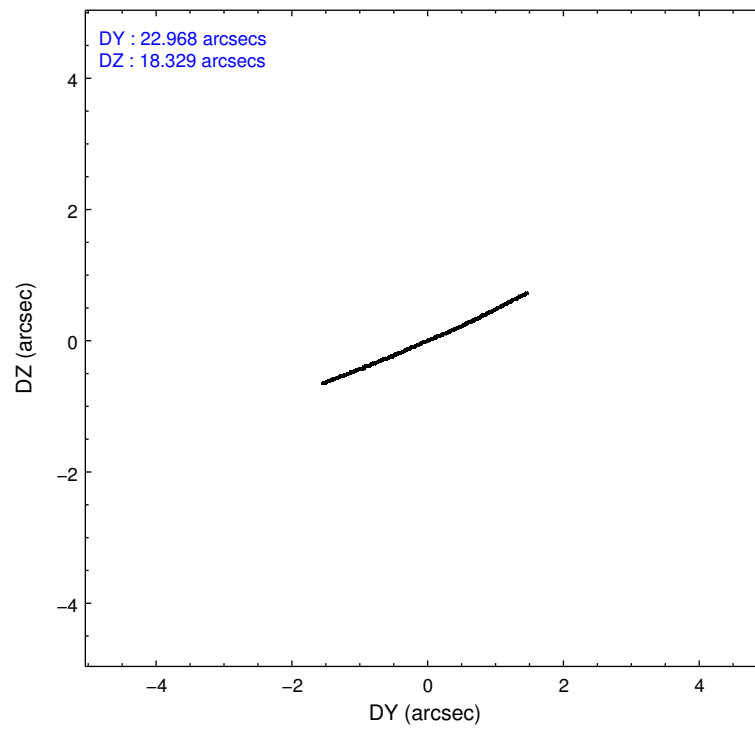
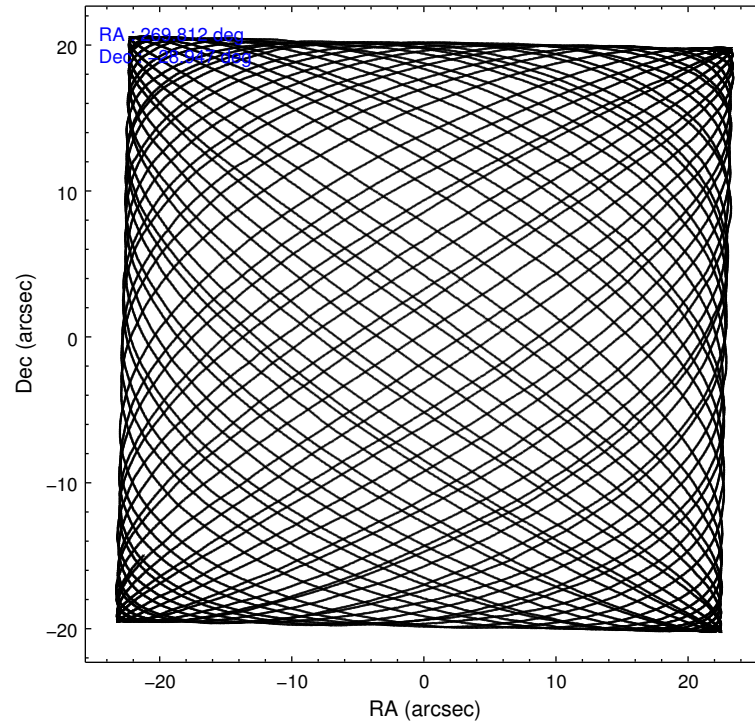
Level 1 Events

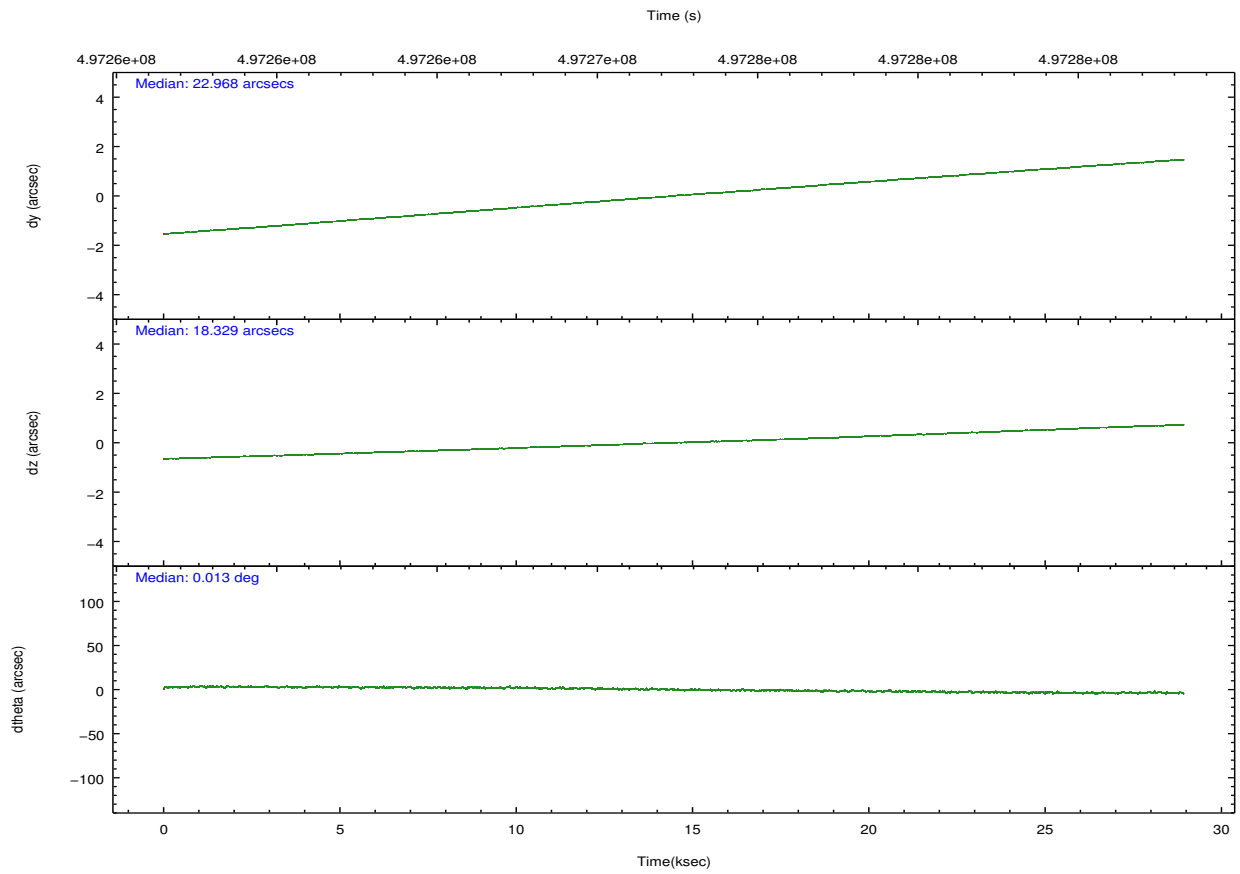
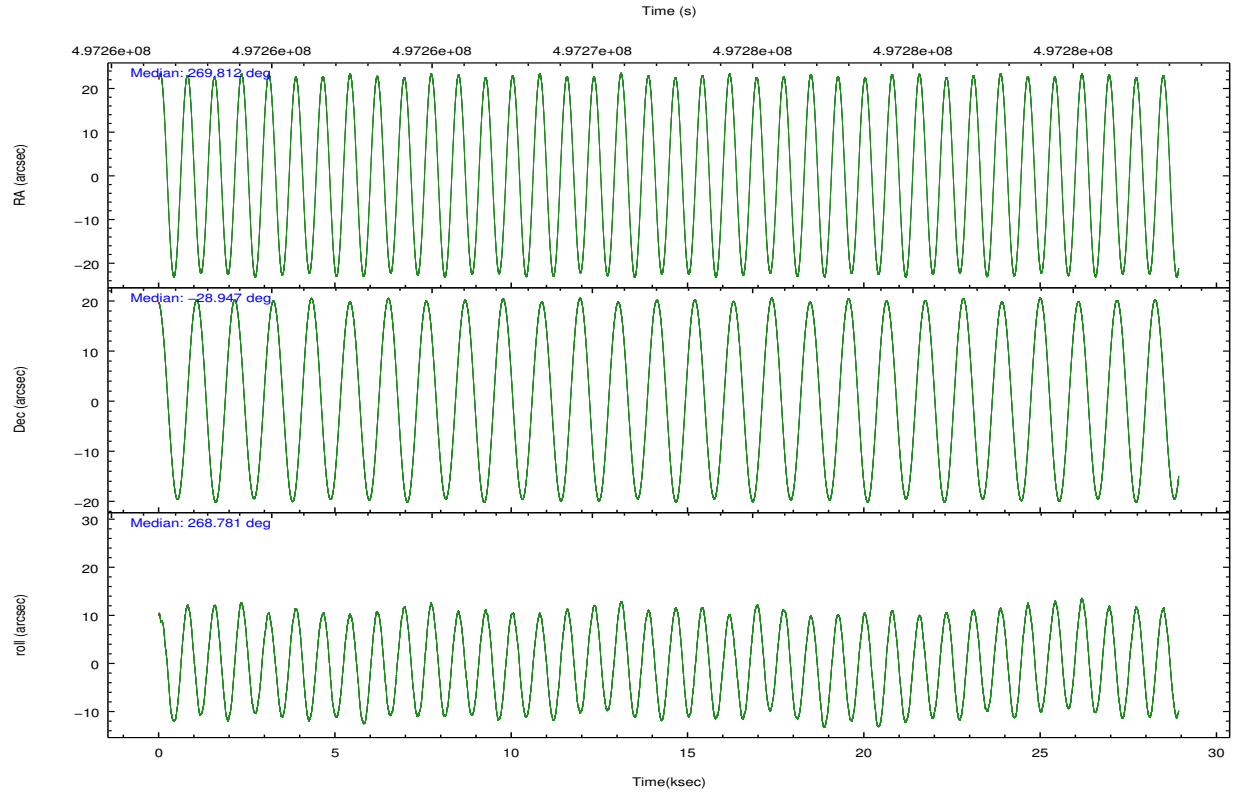
	segment 0
level 1 events	2400576
rejected events	18568
rejected %	0%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
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			
[deg] Pointing RA	269.796698	269.8122871620856			
[deg] Pointing Dec	-28.923221	-28.94678960463753			
[deg] Pointing Roll	268.874421	268.7864739337696			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9829799899862			
[mm] SIM translation stage offset	0	0.002508901615314585			
[s] Observation start time (MET)	497257849.184000	497257743.64901			
Observation start date	2013-10-04T07:09:42	2013-10-04T07:09:03			
[s] Observation end time (MET)	497286849.184000	497287709.01315			
Observation end date	2013-10-04T15:13:02	2013-10-04T15:28:29			

2.3 Aspect



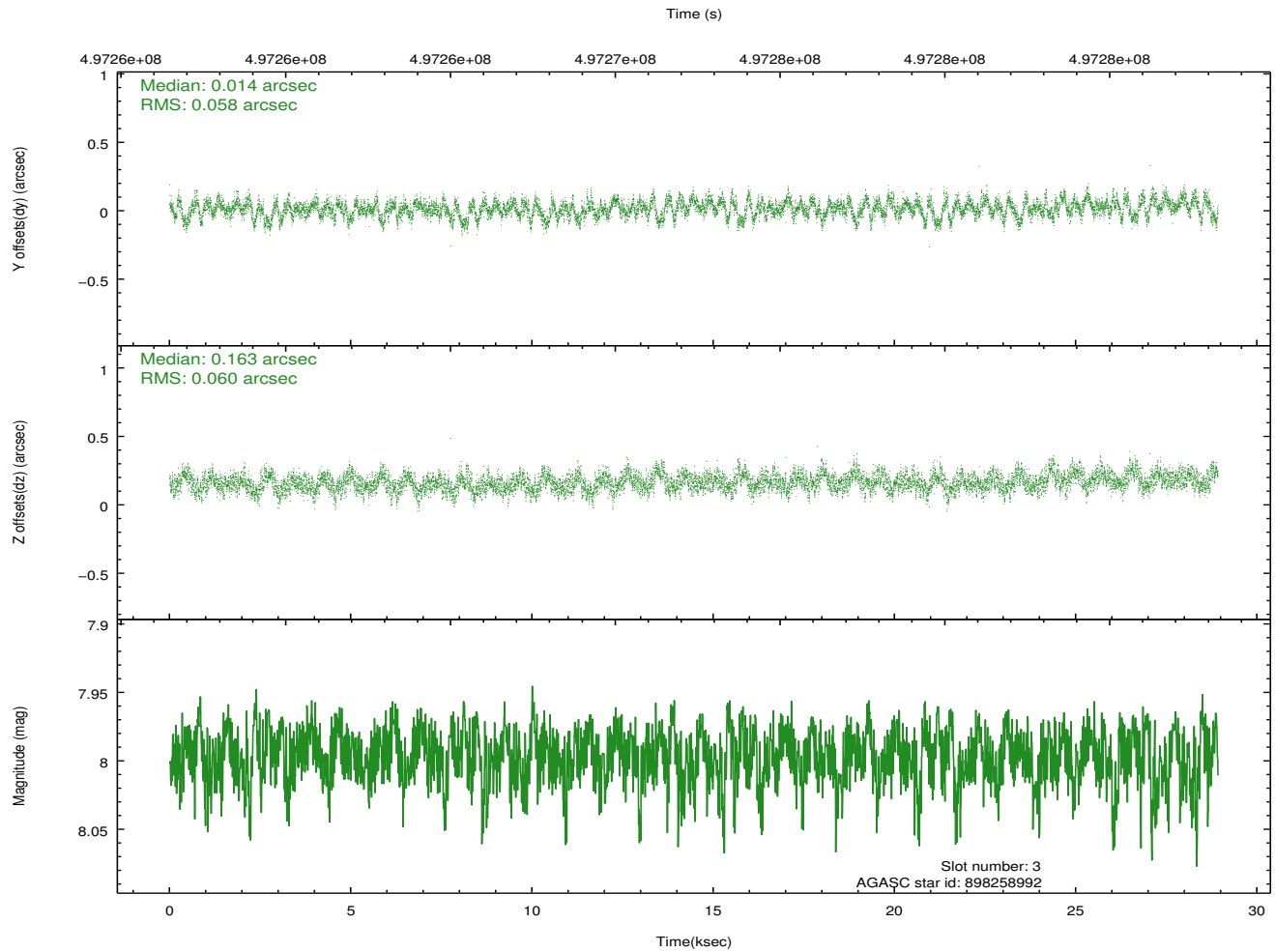
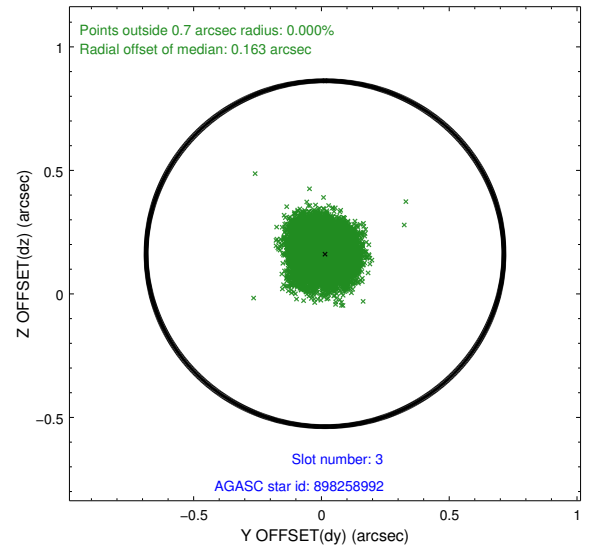
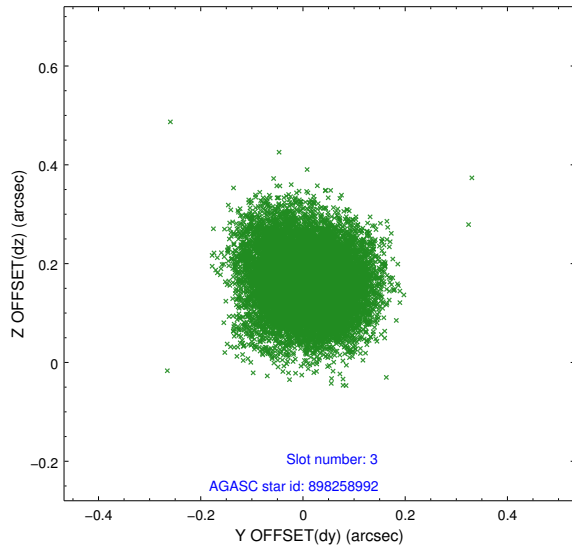


Slot Statistics

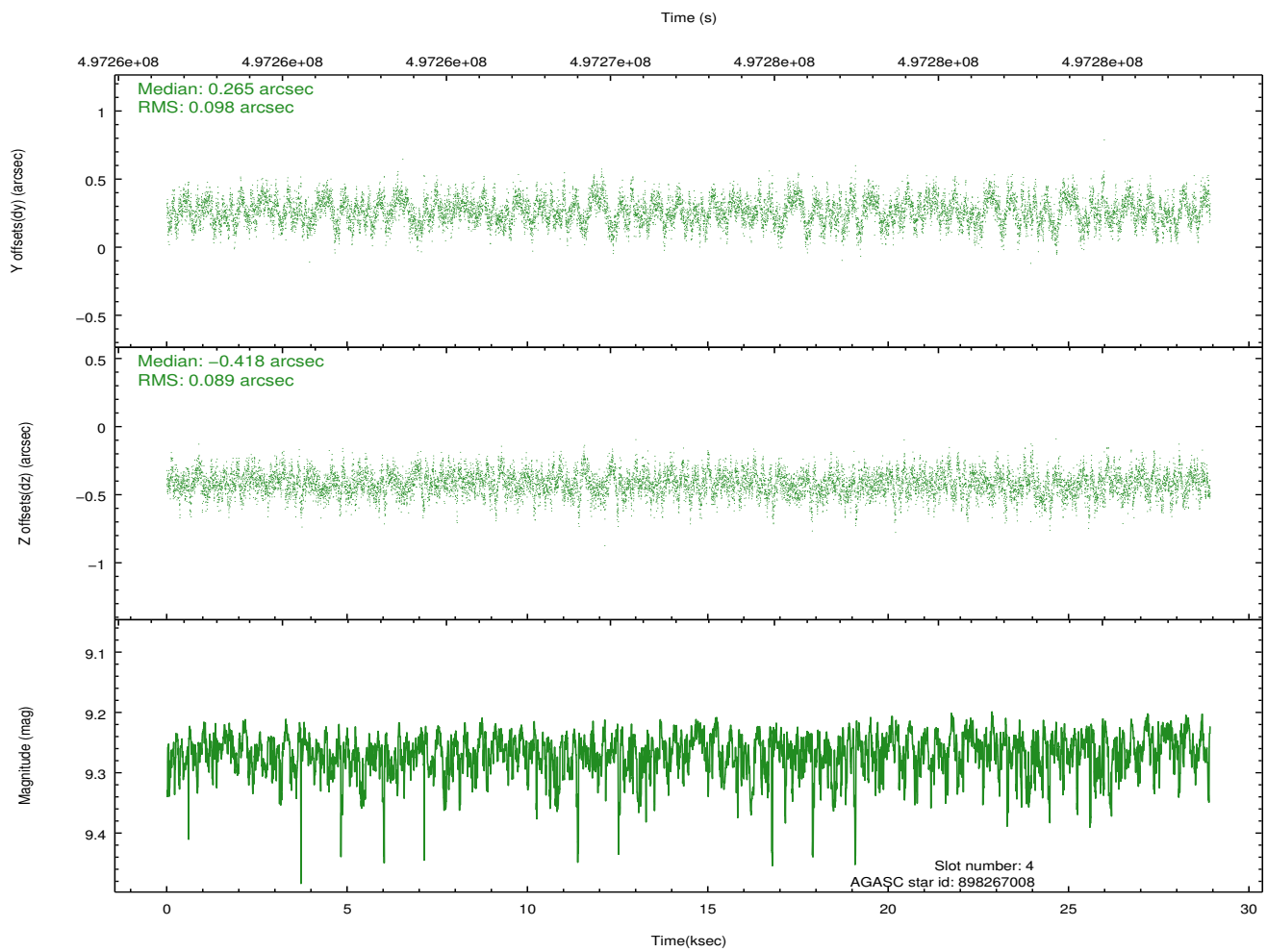
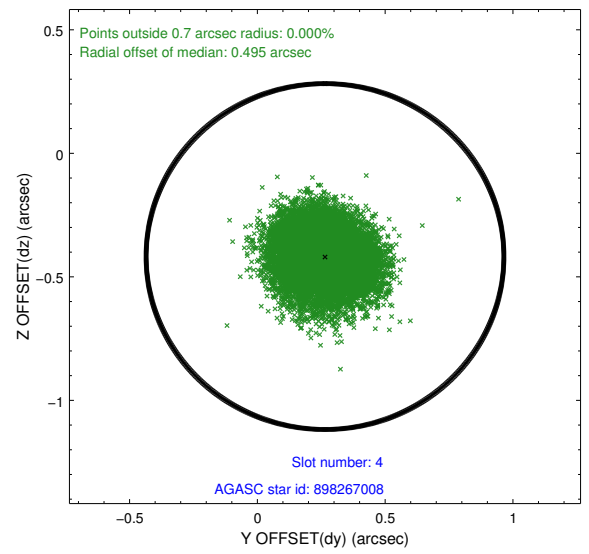
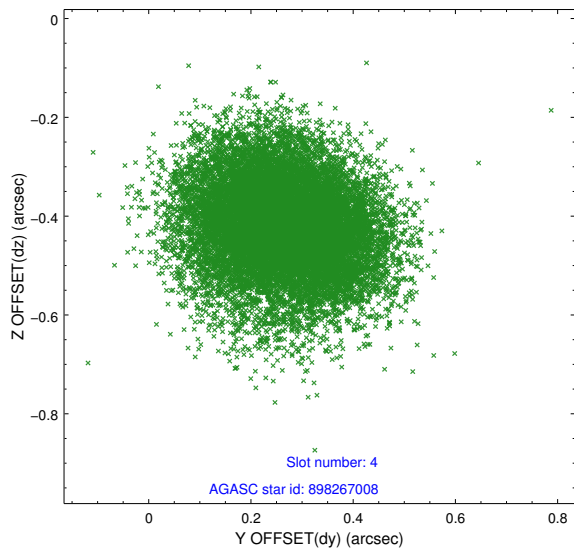
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		HRC-I-1	6.97	7054	-0.030	-0.006	0.014	0.032	0.000000	0.000000	-779.11	-1306.47
1	FID		HRC-I-3	7.05	7053	-0.160	-0.114	0.015	0.028	0.000000	0.000000	-1207.66	997.84
2	FID		HRC-I-4	6.98	7054	0.308	0.028	0.014	0.030	0.000000	0.000000	1264.03	995.73
3	GUIDE	used	898258992	8.00	14105	0.014	0.163	0.089	0.146	269.435214	-28.570389	-1245.44	-1167.38
4	GUIDE	used	898267008	9.26	13972	0.265	-0.418	0.143	0.225	269.842591	-29.483588	2014.50	183.27
5	GUIDE	used	898371304	8.43	14107	-0.186	0.121	0.083	0.140	270.531151	-28.390506	-1956.05	2288.25
6	GUIDE	used	898383760	8.22	14106	-0.219	-0.132	0.079	0.124	270.301358	-29.342458	1481.83	1613.24
7	GUIDE	used	898271176	8.50	14083	0.129	0.261	0.091	0.144	269.530159	-29.583143	2393.15	-786.88

2.4 Star Slots

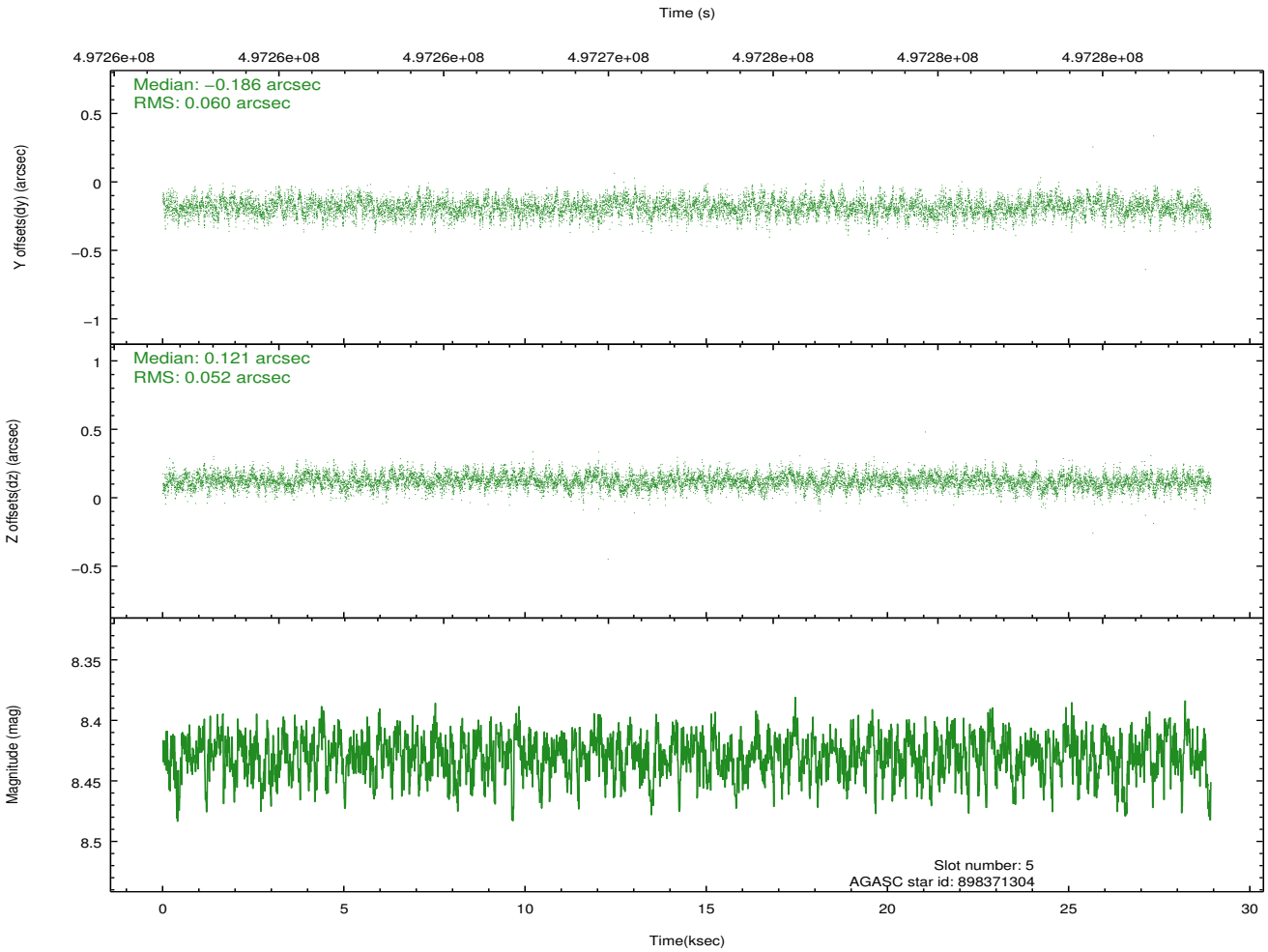
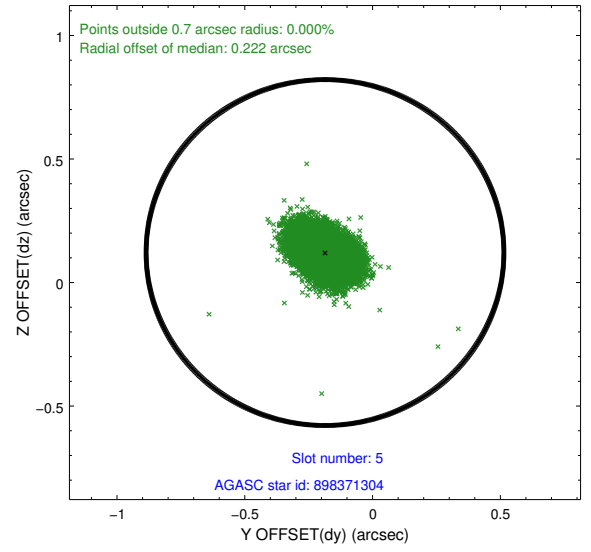
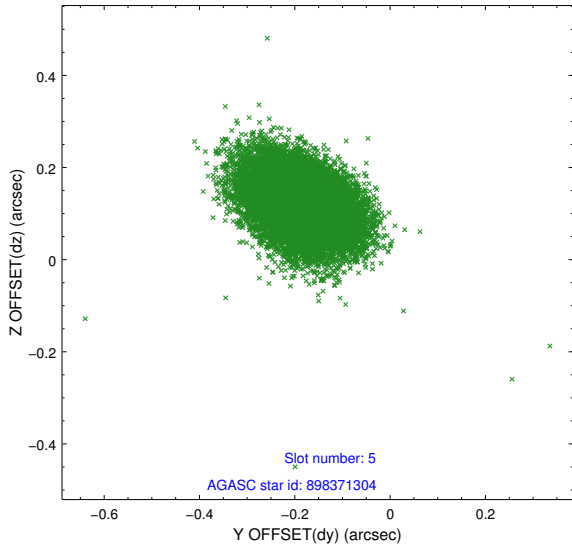
2.4.1 Slot 3



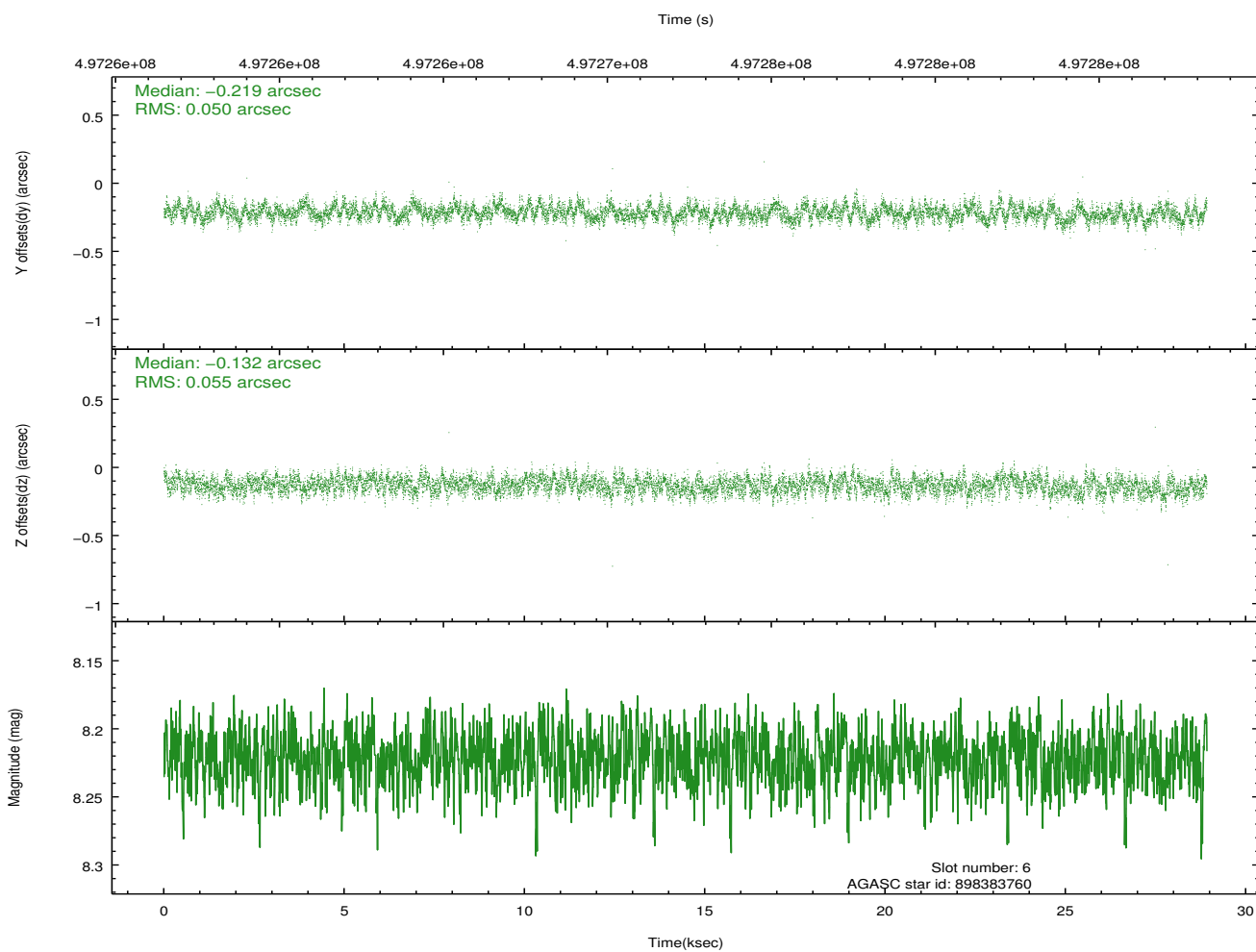
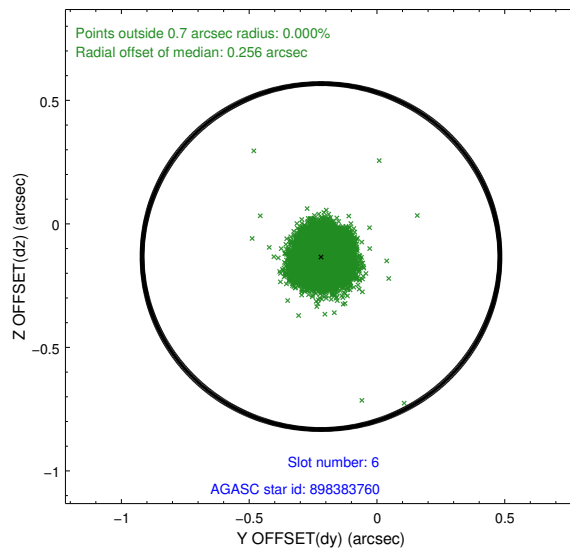
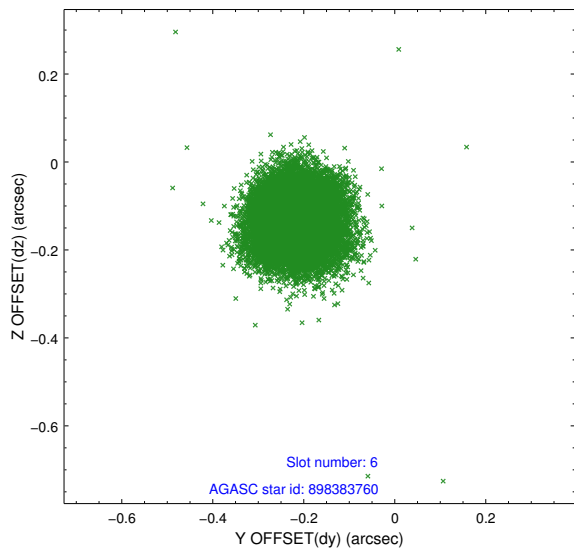
2.4.2 Slot 4



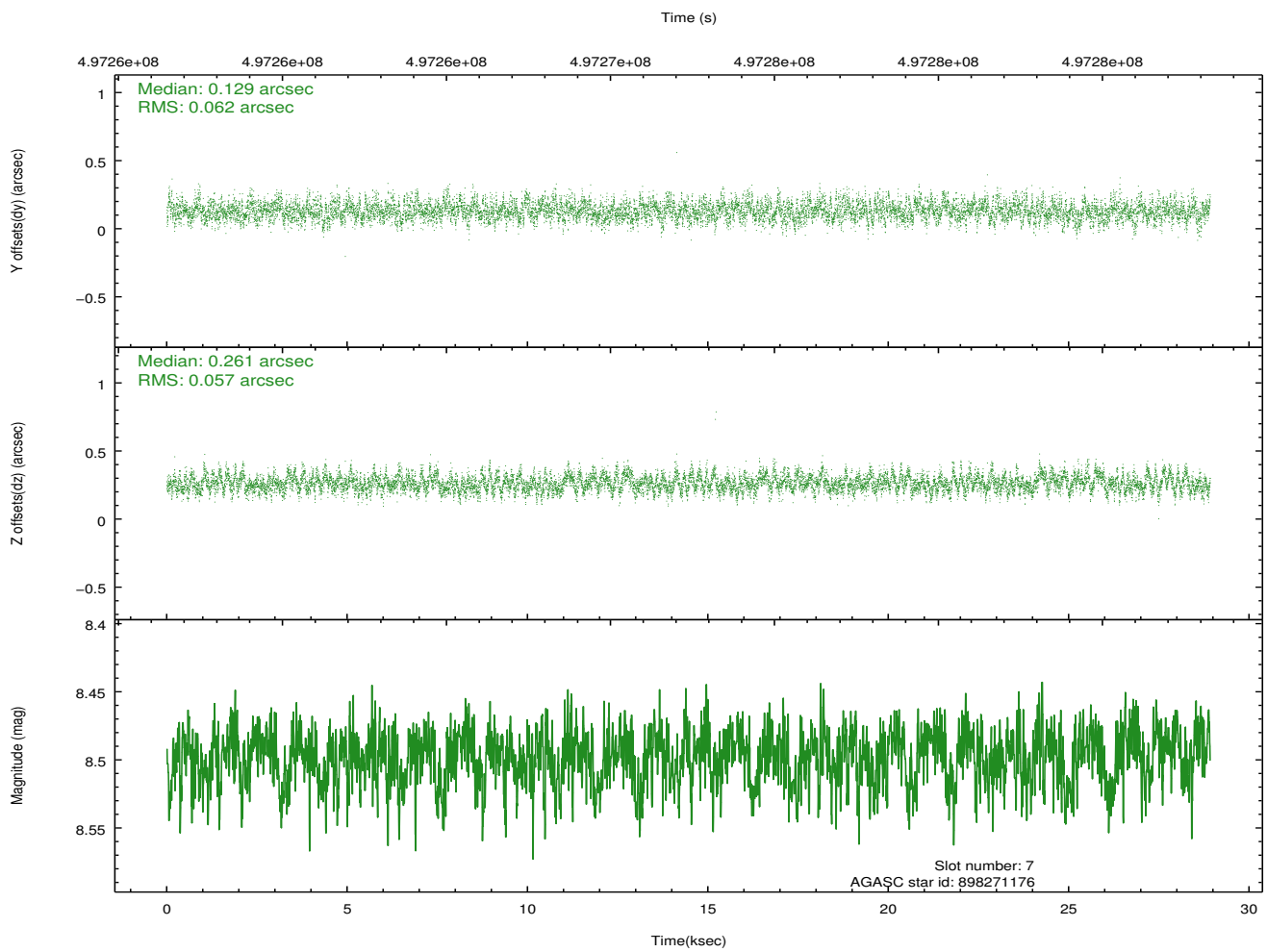
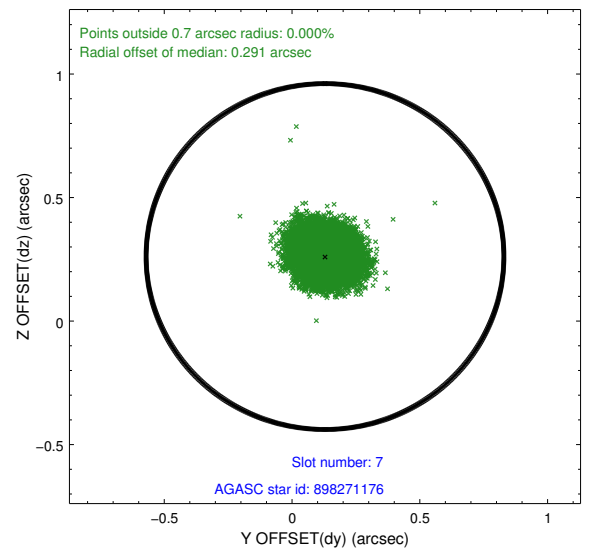
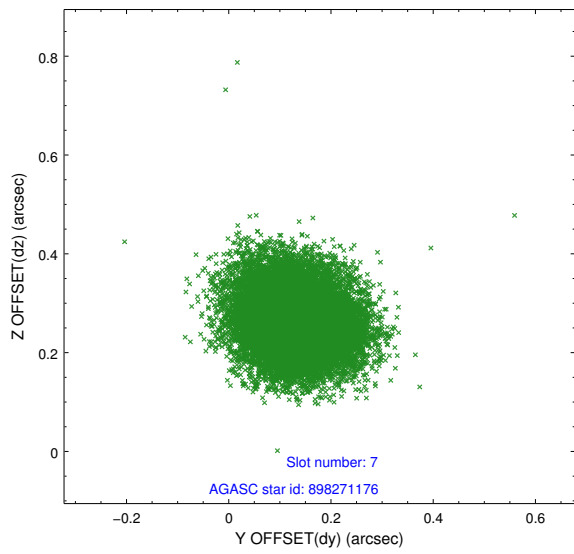
2.4.3 Slot 5



2.4.4 Slot 6

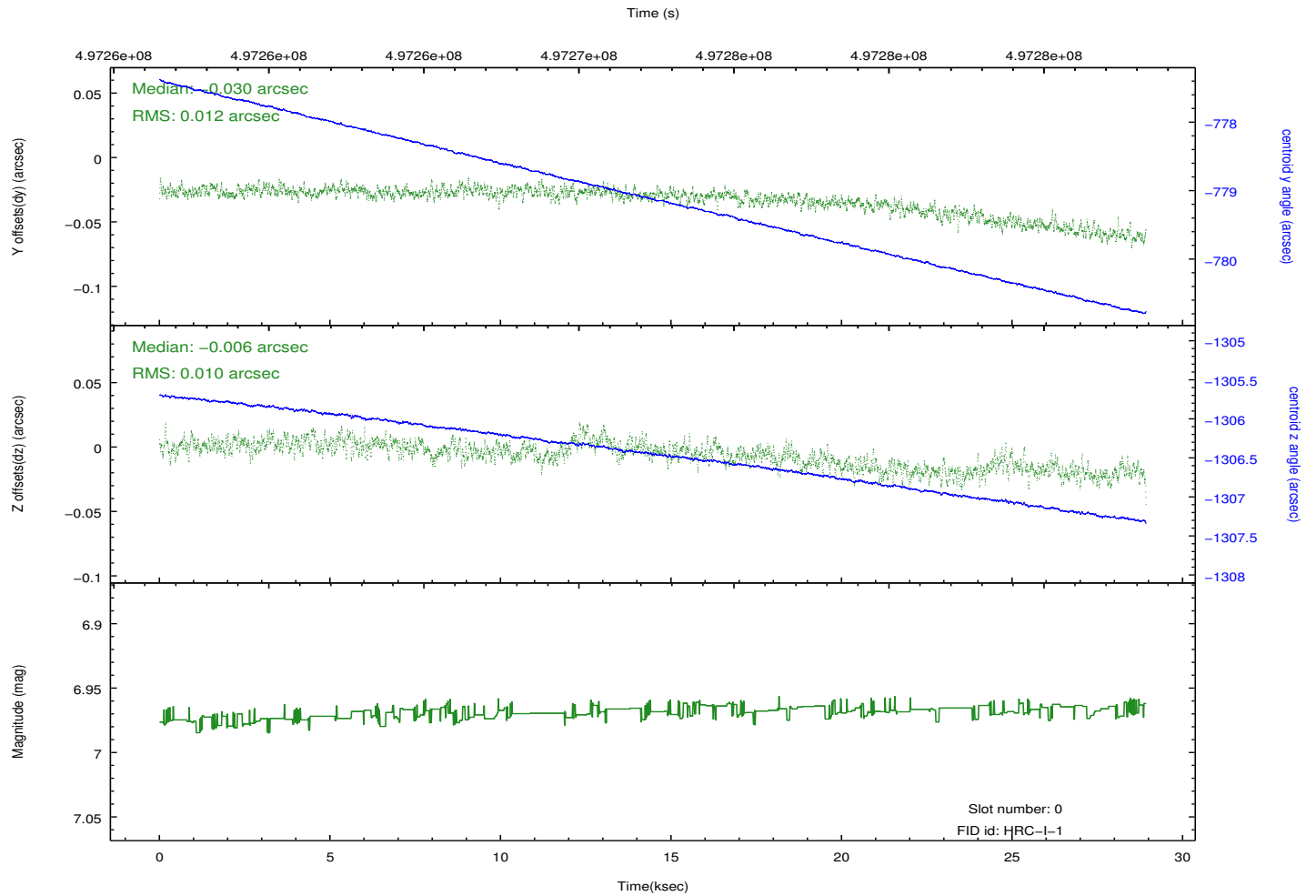
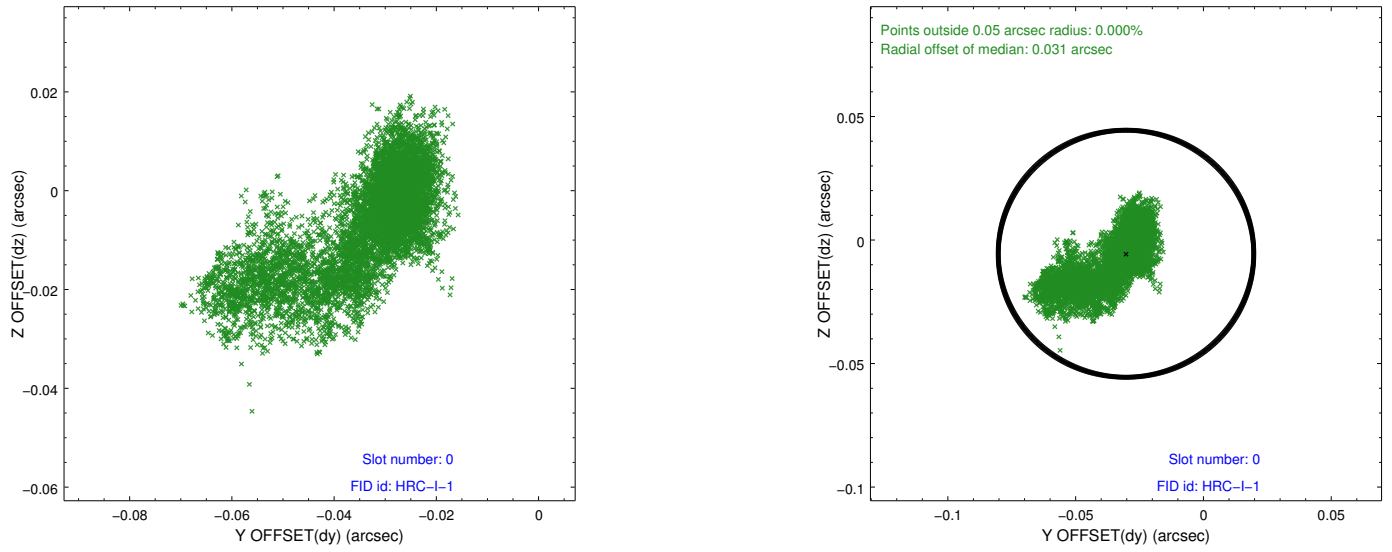


2.4.5 Slot 7

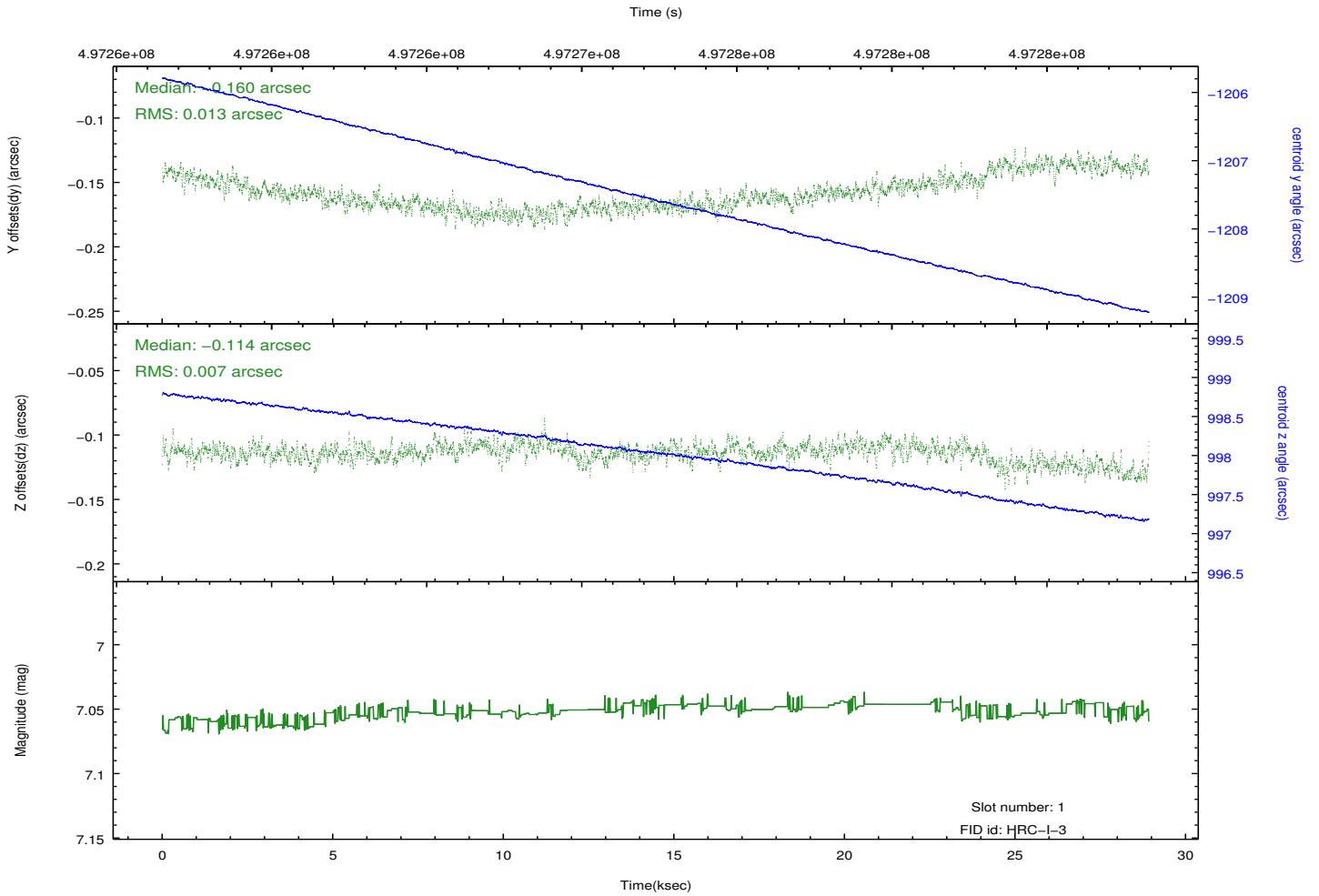
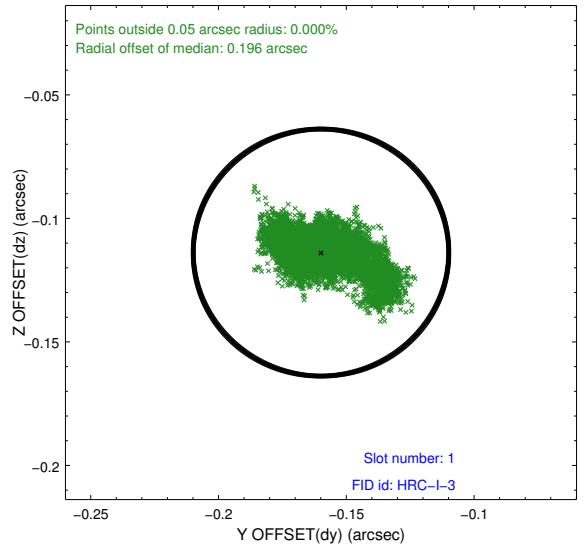
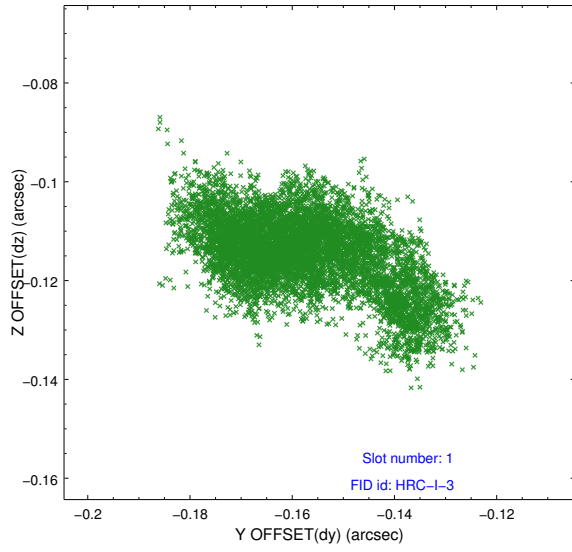


2.5 FID Slots

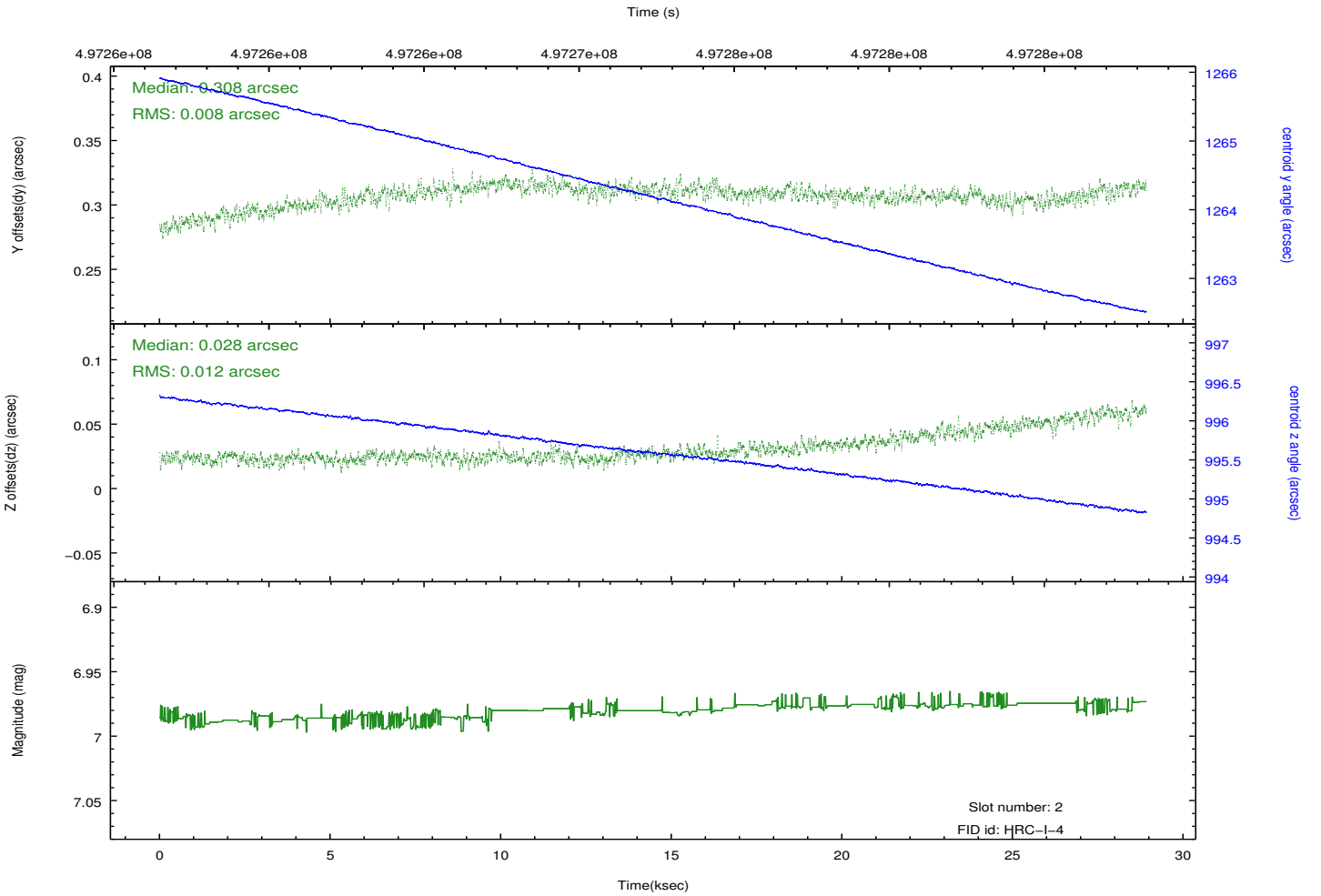
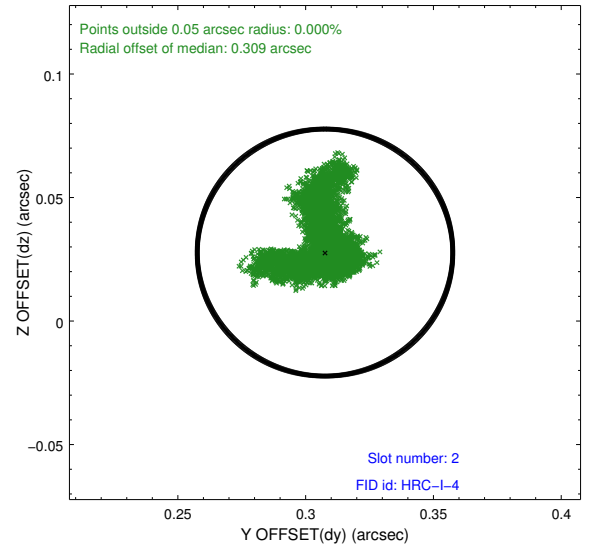
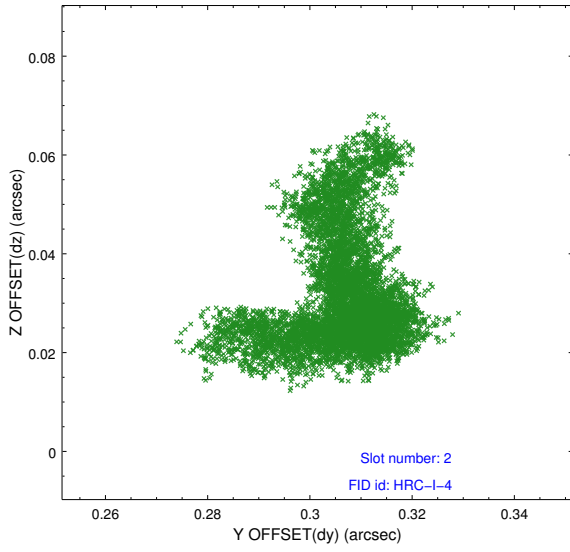
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2015.06.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	28.918582829714

A.2 Comments

This observation was reprocessed to update the target name.