

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 6093 - L2 Version 4
Chandra X-Ray Center

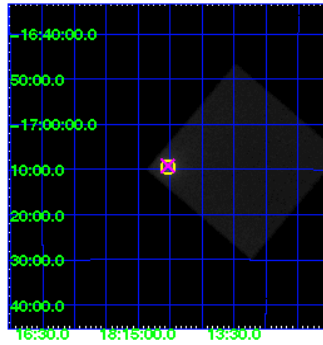
L2 Processing Date : Dec 17 2012

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1 Front

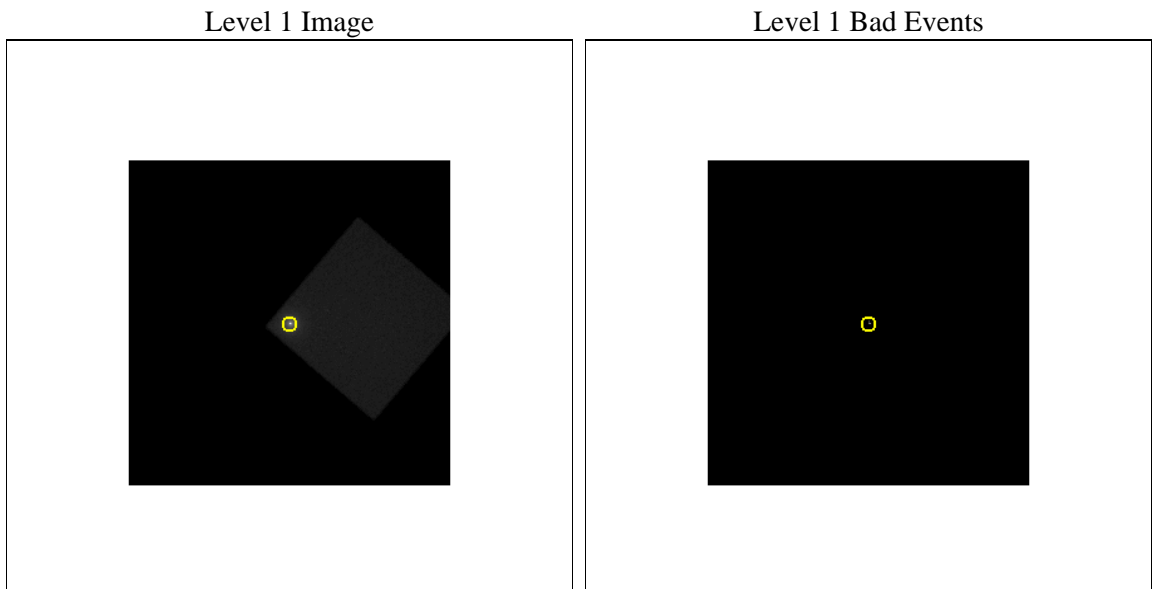
seq_num	900394	Sequence number
obs_id	6093	Observation id
title	Filling in the X-ray Halo around GX13+1	Proposal title
observer	Dr. Randall Smith	Principal investigator
object	GX13+1	Source name
ra_targ	273.631667	Observer's specified target RA [deg]
dec_targ	-17.157417	Observer's specified target Dec [deg]
ra_nom	273.63370902863	Nominal RA [deg]
dec_nom	-17.153505640726	Nominal Dec [deg]
roll_nom	85.455258333744	Nominal Roll [deg]
revision	4	Processing version of data
ontime	9134.8004131913	[s]
livetime	7868.9252547085	Ontime multiplied by DTCOR
l2events	1049632	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	9000.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1	Processing system revision	ontime	9134.8004131913	[s]
caldbver	4.5.5	 	l1events	1468819	Number of level 1 events
date	2012-12-17T04:38:12	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

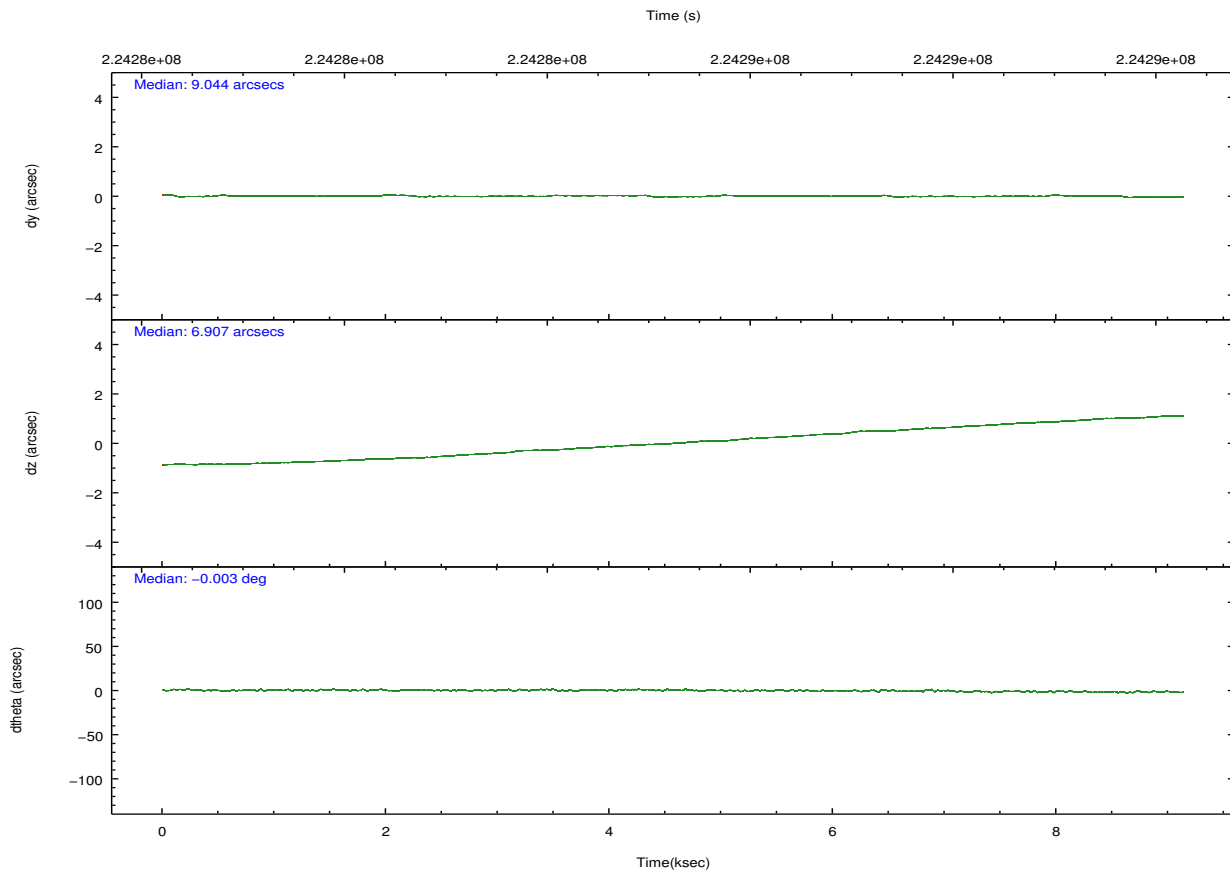
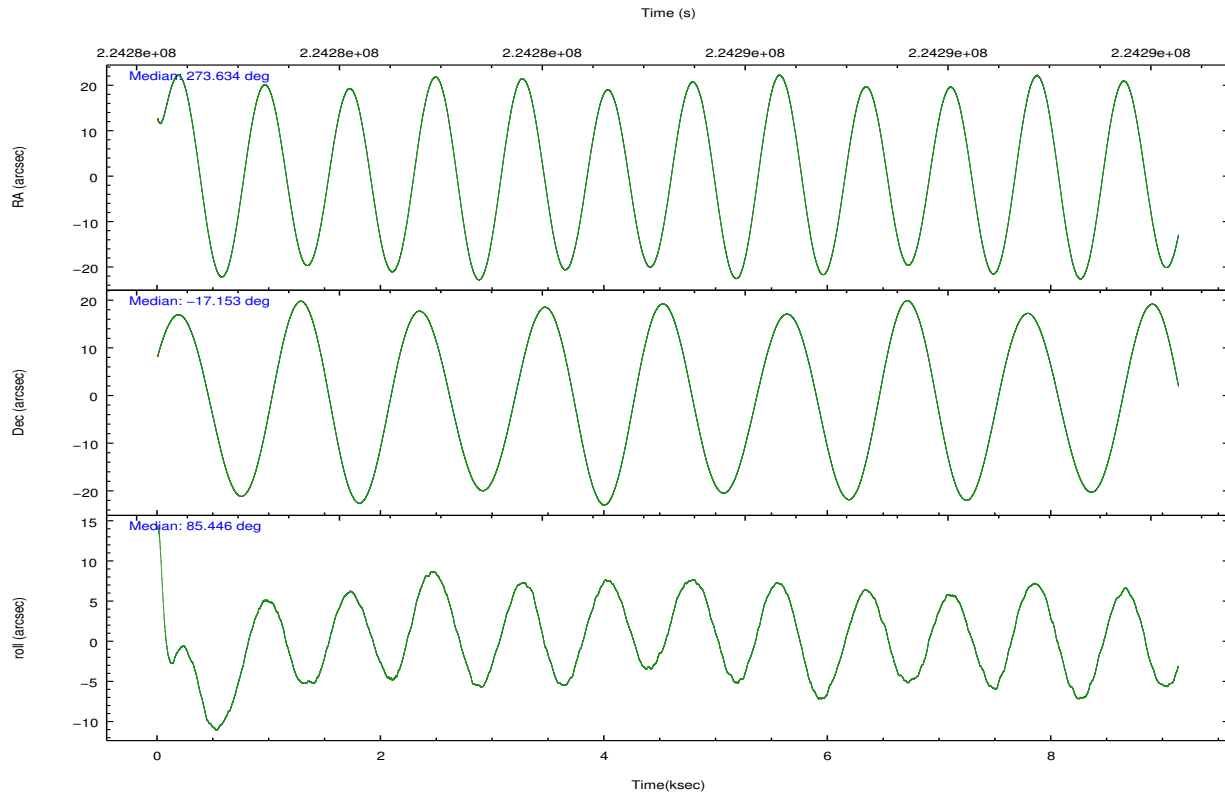
Level 1 Events

	segment 0
level 1 events	1468819
rejected events	155771
rejected %	10%

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	273.646447	273.6337090286277			
[deg] Pointing Dec	-17.177904	-17.15350564072585			
[deg] Pointing Roll	85.554489	85.45525833374435			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	76.985494	76.97827727256096			
[mm] SIM translation stage offset	50	50.0072116190406			
[s] Observation start time (MET)	224280814.184000	224279508.40093			
Observation start date	2005-02-08T20:12:30	2005-02-08T19:51:48			
[s] Observation end time (MET)	224289814.184000	224290054.62641			
Observation end date	2005-02-08T22:42:30	2005-02-08T22:47:34			

2.3 Aspect

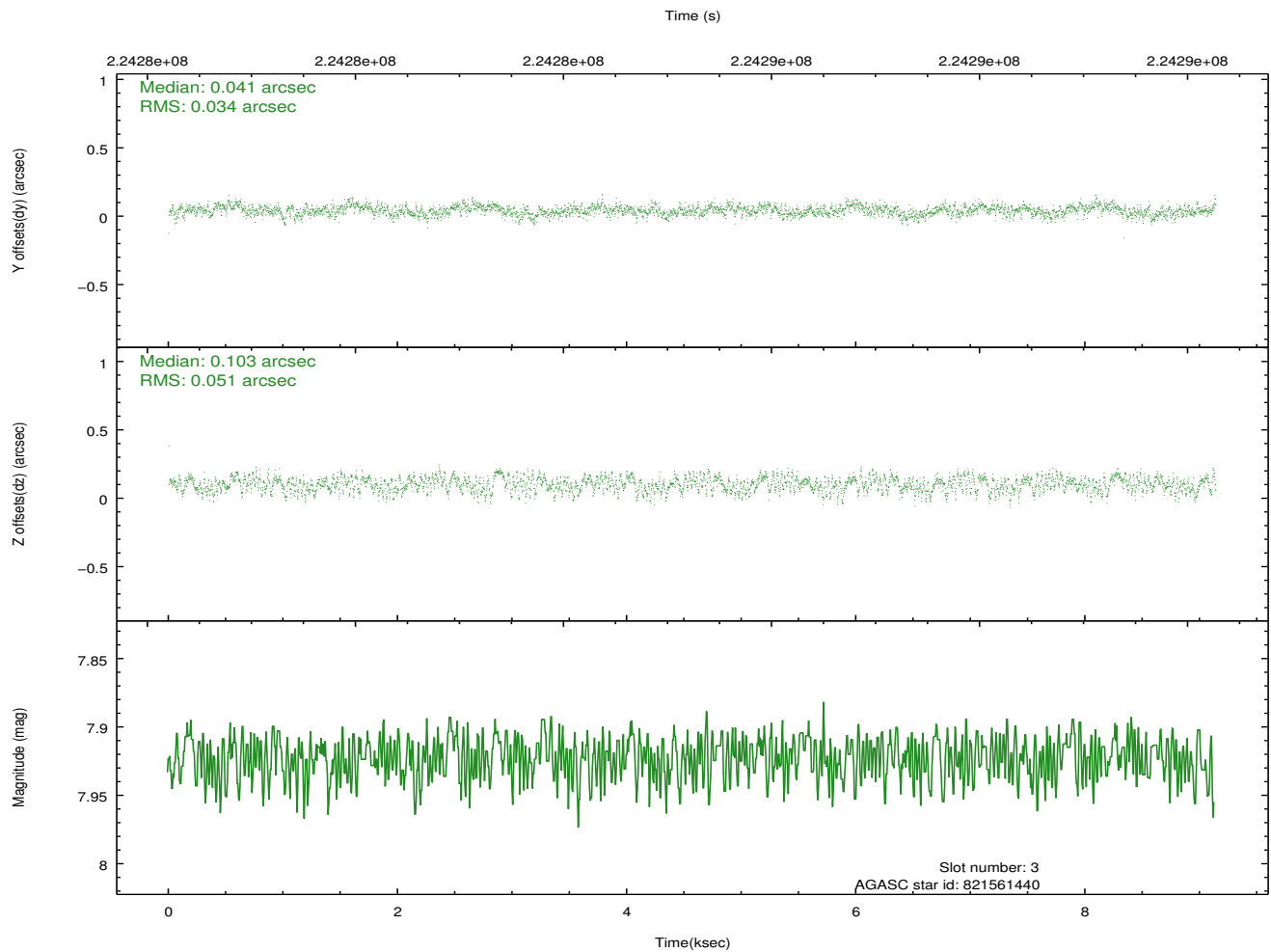
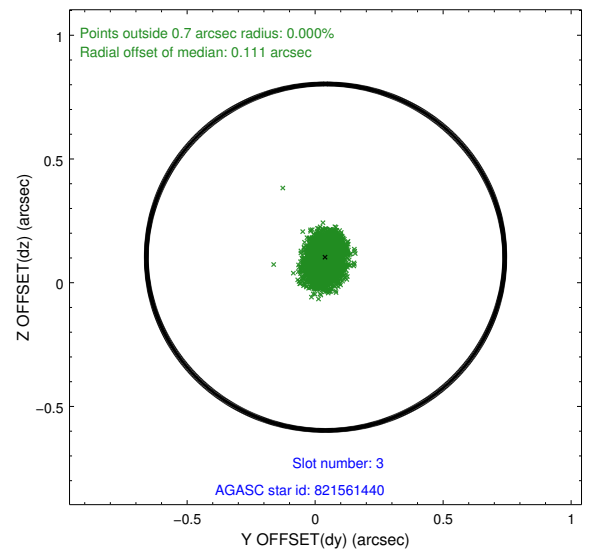
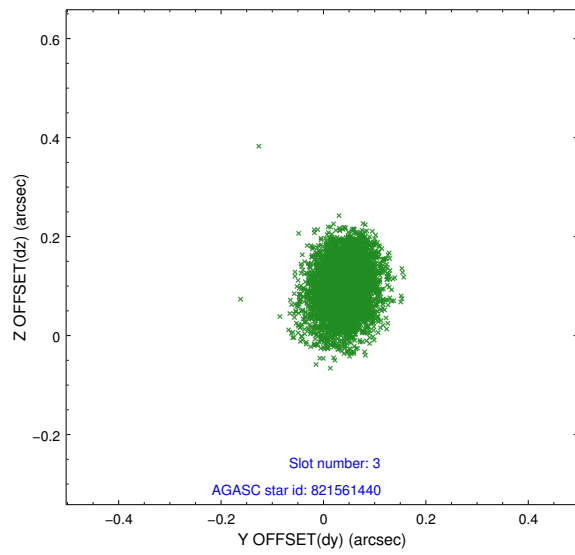


Slot Statistics

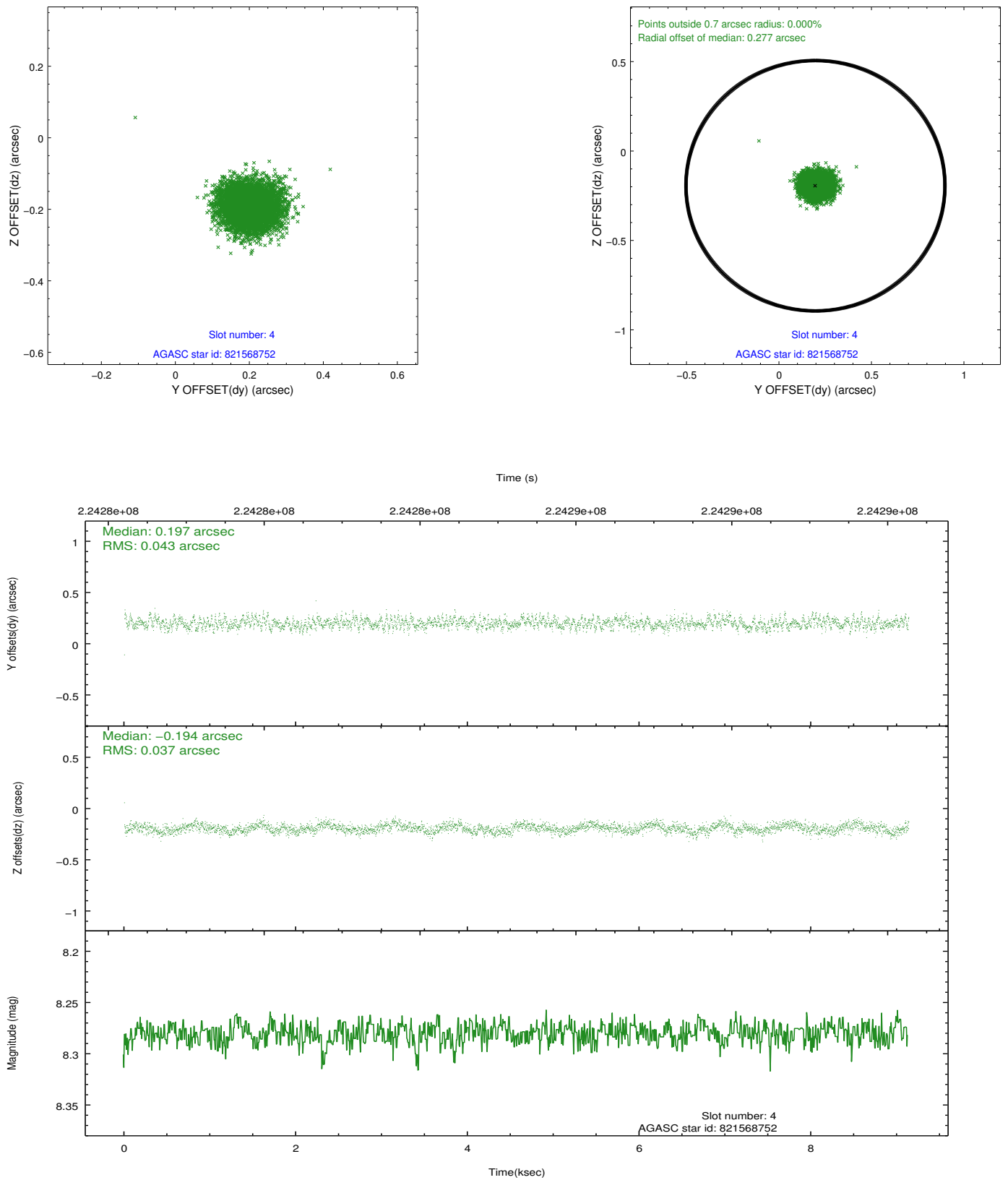
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	2229	-0.160	-0.443	0.008	0.013	0.000000	0.000000	-762.81	-272.44
1	FID	HRC-I-2	7.10	2229	-0.145	-0.119	0.014	0.030	0.000000	0.000000	846.58	-268.34
2	FID	HRC-I-4	6.93	2229	0.419	0.470	0.013	0.028	0.000000	0.000000	1277.55	2036.06
3	GUIDE	821561440	7.92	4458	0.041	0.103	0.066	0.106	273.991252	-17.607934	-1453.07	-1299.53
4	GUIDE	821568752	8.28	4457	0.197	-0.194	0.061	0.097	273.050073	-17.733446	-2156.61	1883.07
5	GUIDE	821570064	6.60	4458	-0.012	-0.258	0.044	0.071	273.185111	-17.414521	-975.25	1514.06
6	GUIDE	821707704	8.94	4457	-0.238	0.308	0.076	0.121	274.330077	-16.988328	858.19	-2292.94
7	GUIDE	821035184	9.07	4456	0.014	0.043	0.074	0.124	273.815482	-16.815826	1344.24	-479.69

2.4 Star Slots

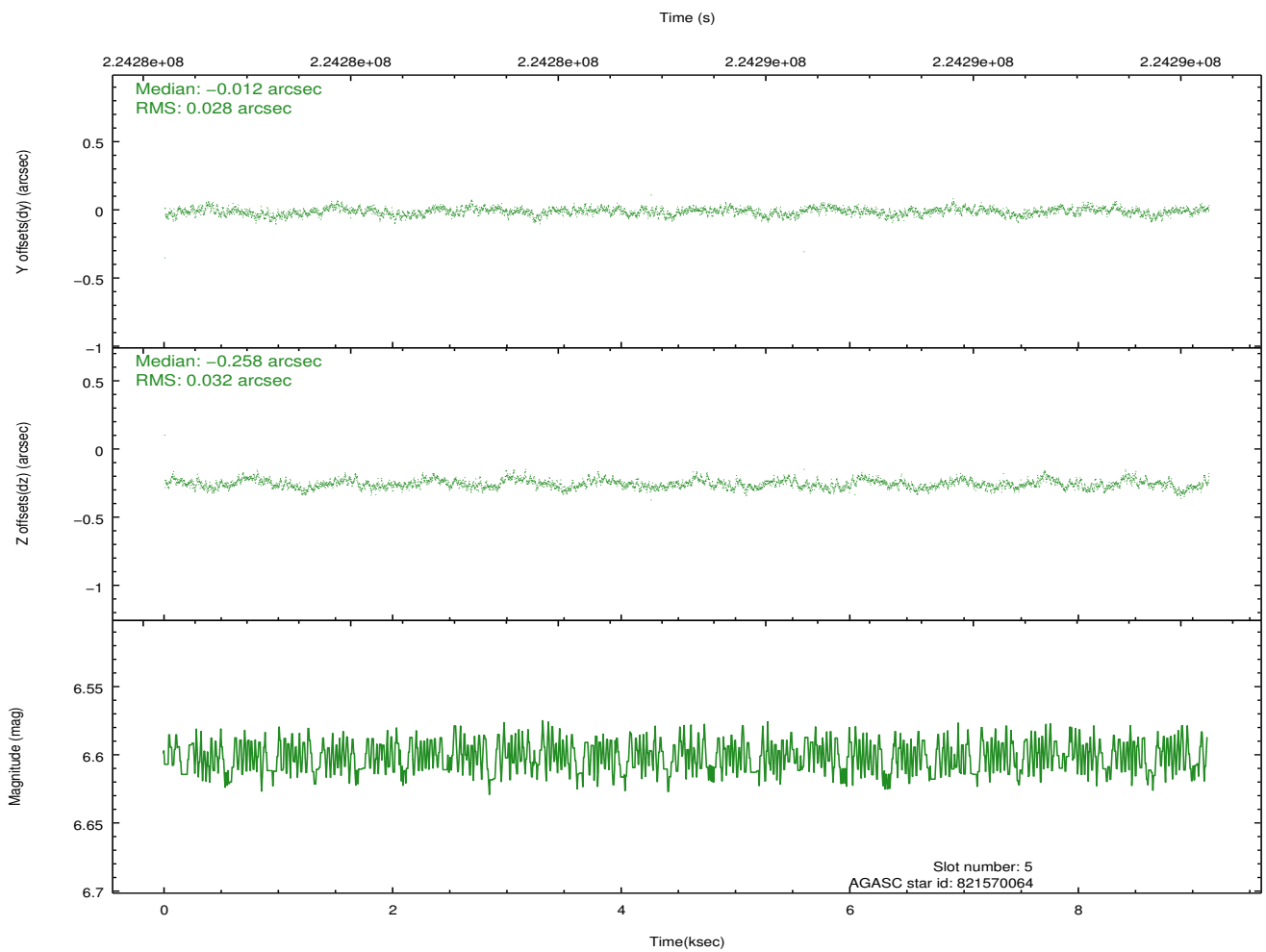
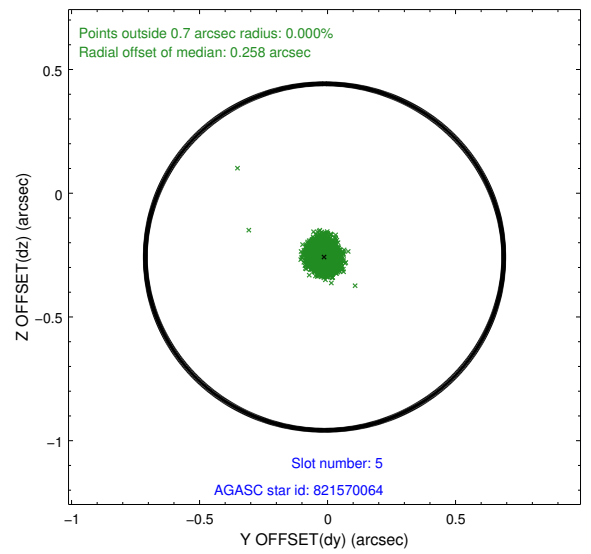
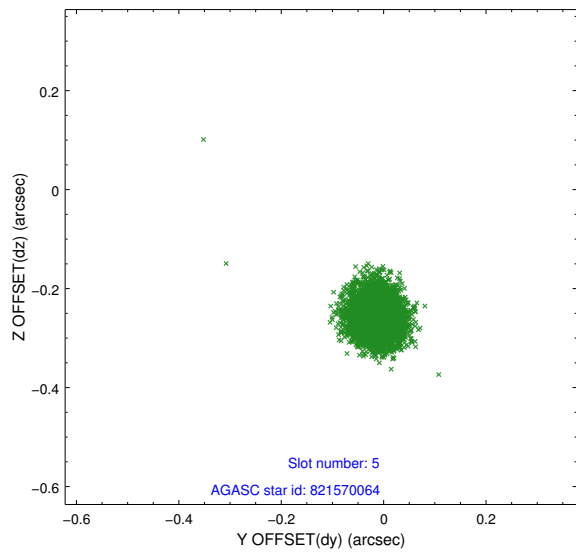
2.4.1 Slot 3



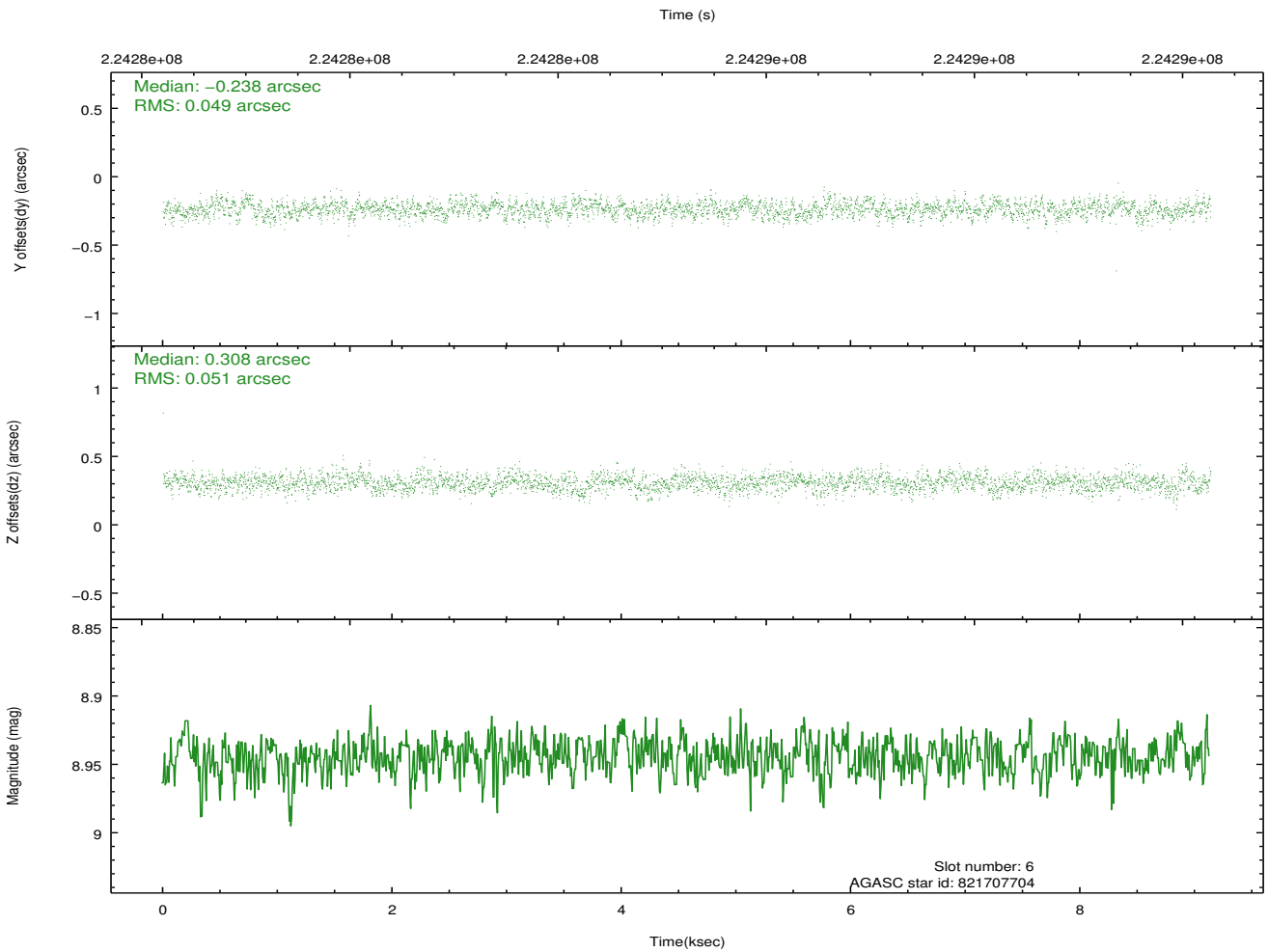
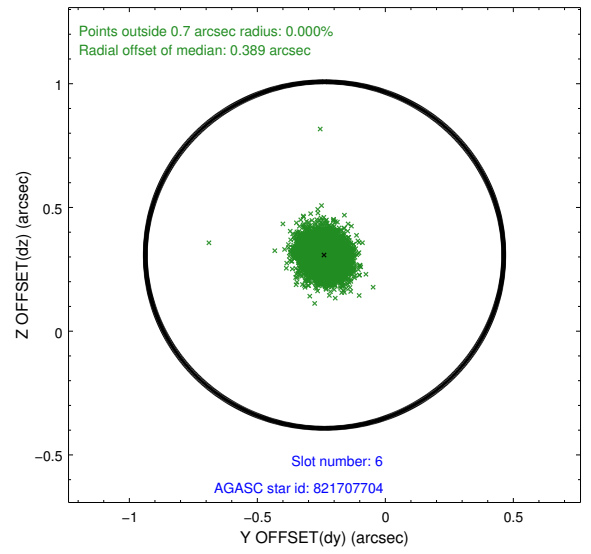
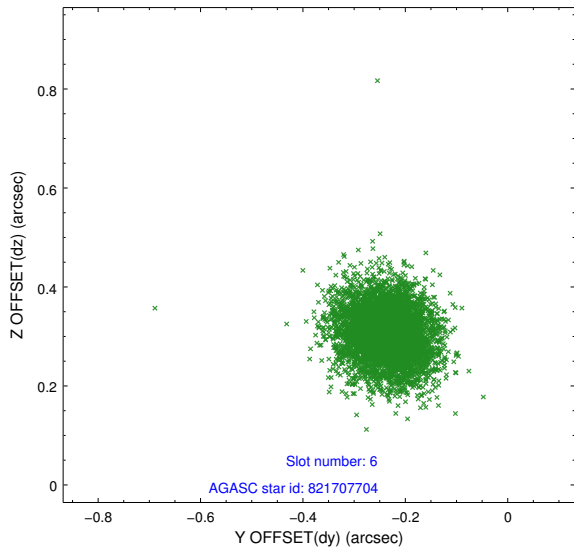
2.4.2 Slot 4



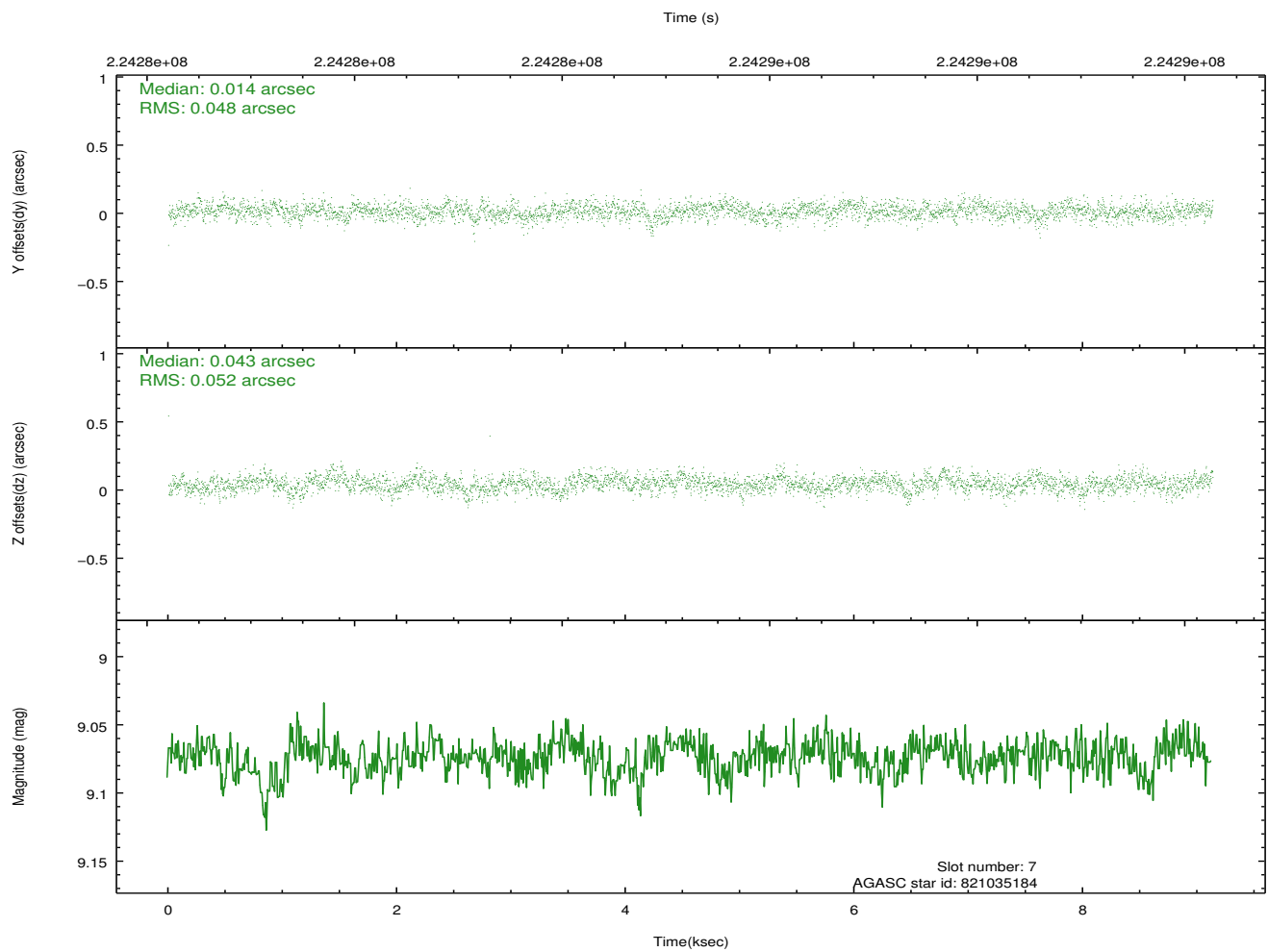
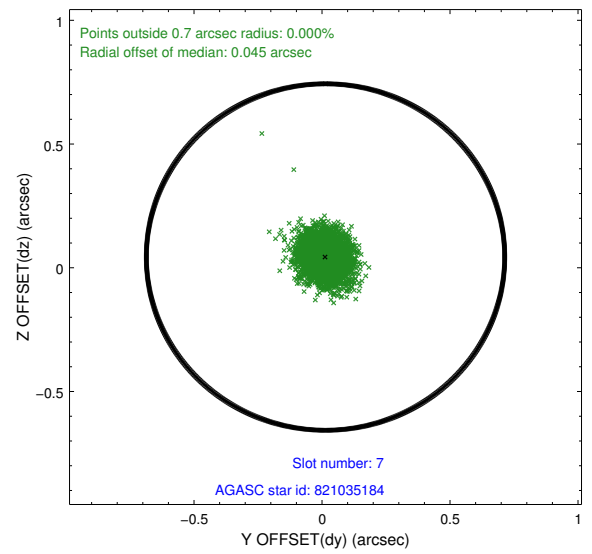
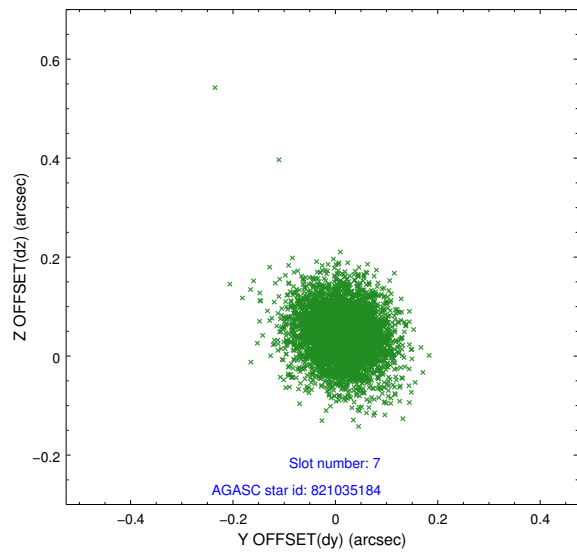
2.4.3 Slot 5



2.4.4 Slot 6

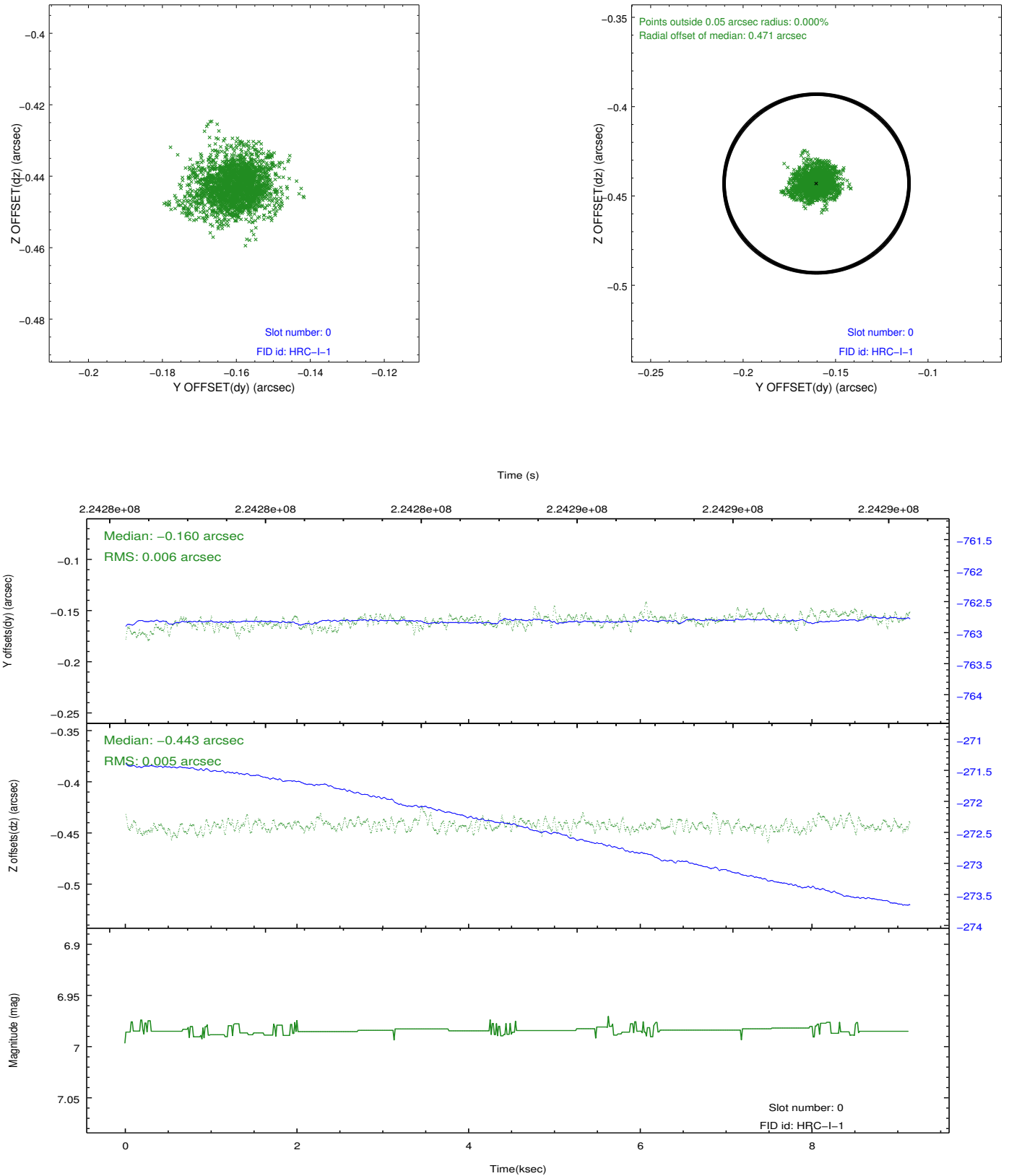


2.4.5 Slot 7

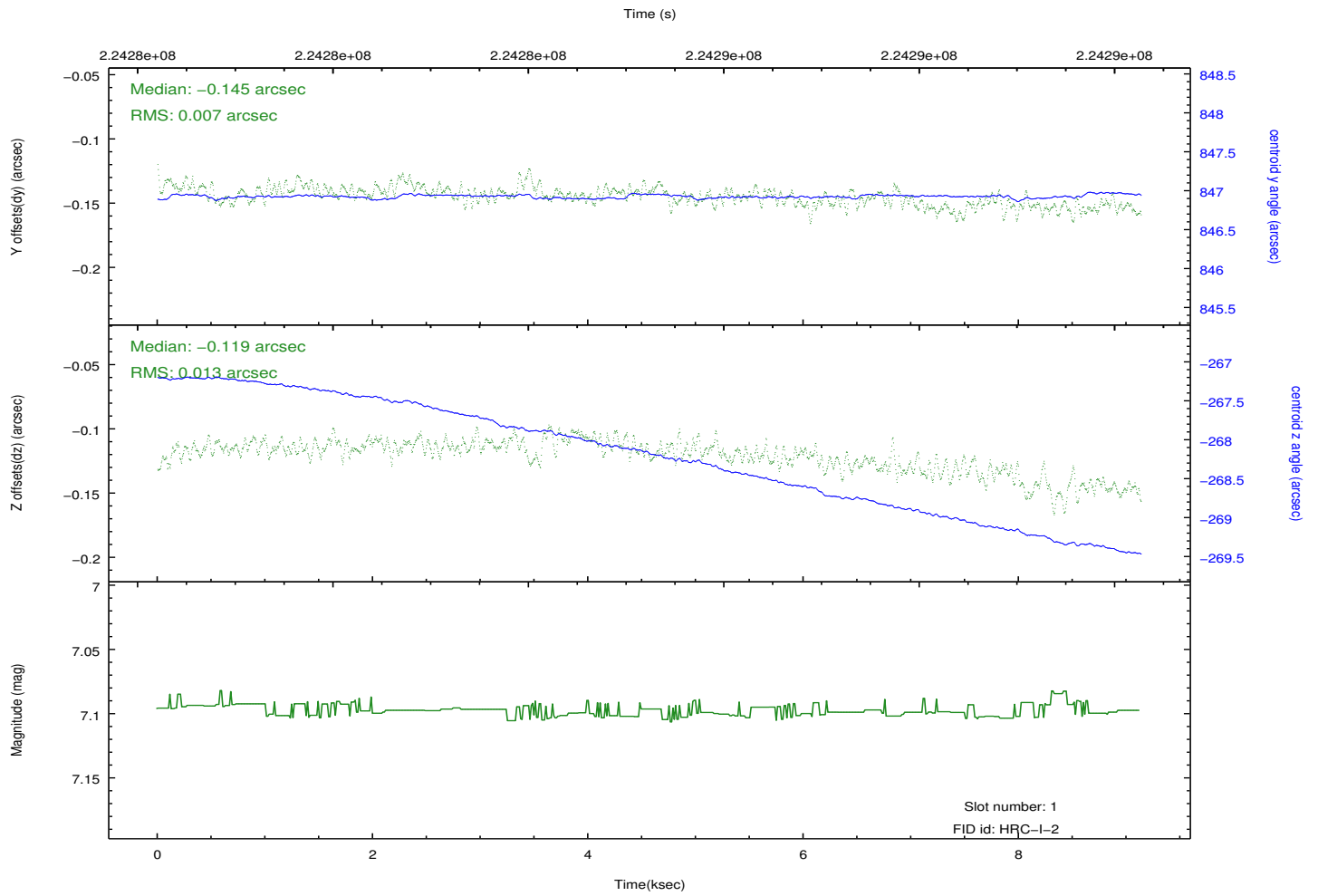
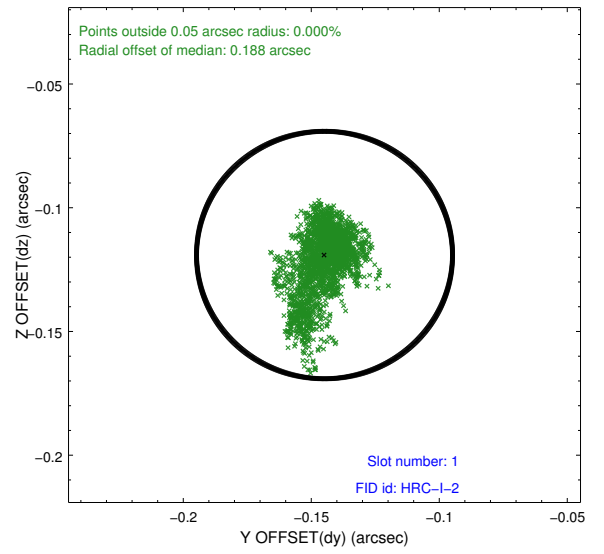
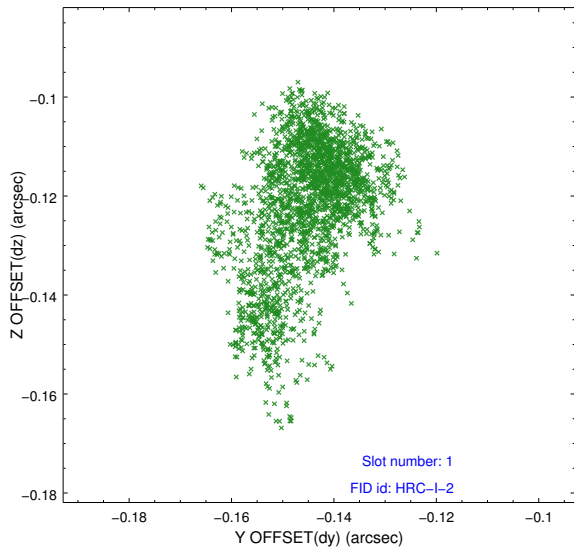


2.5 FID Slots

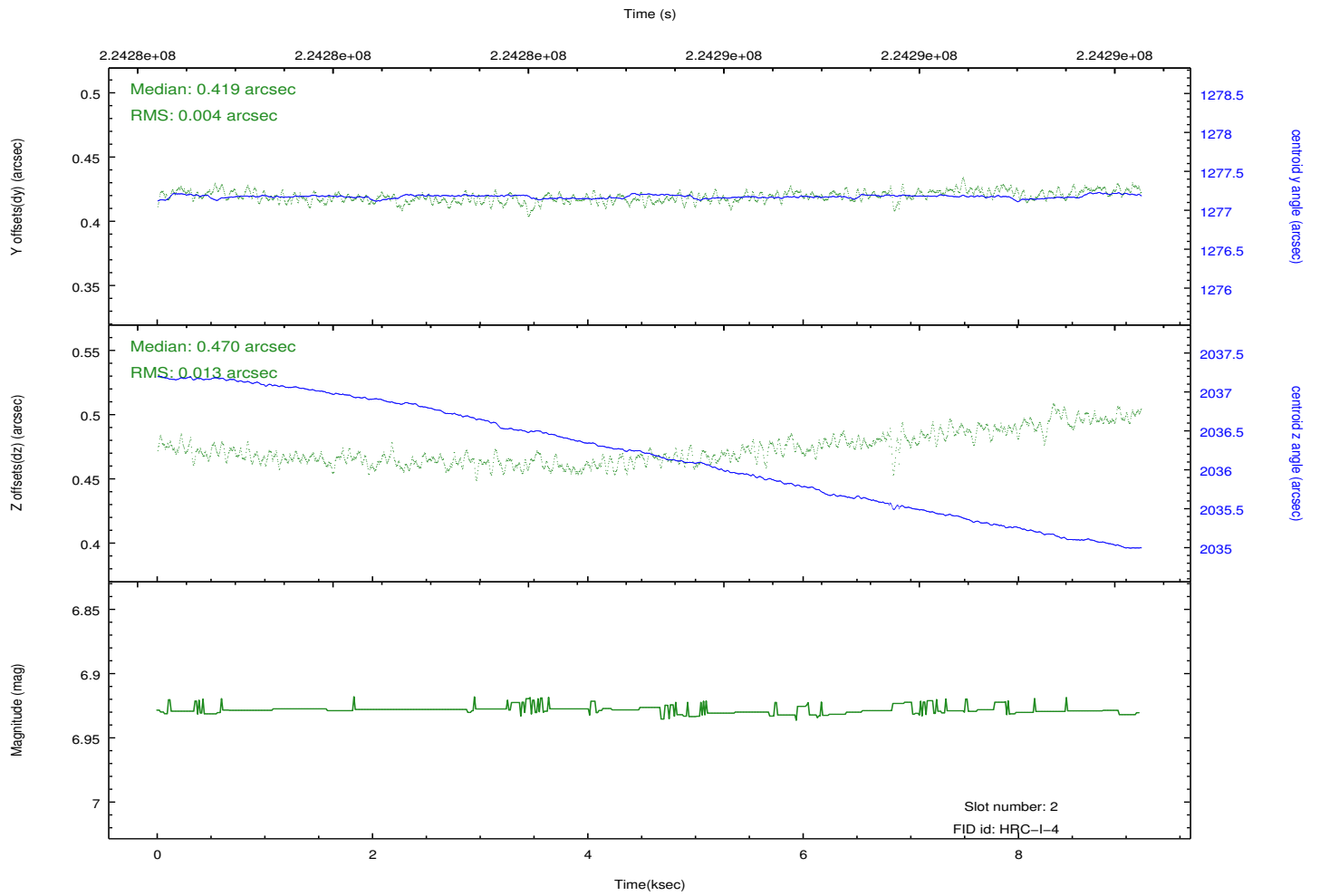
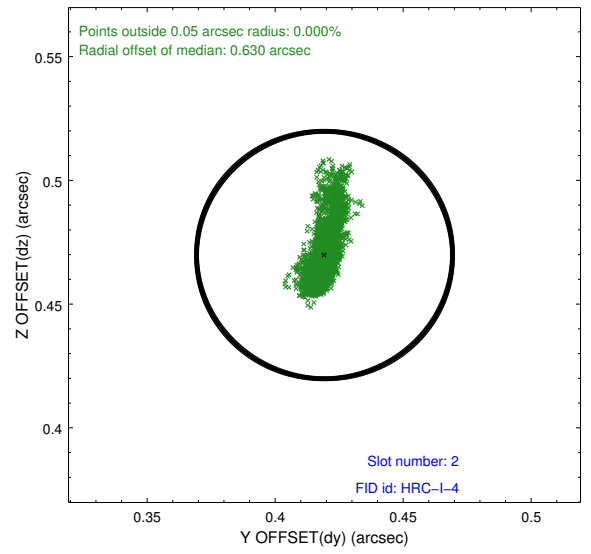
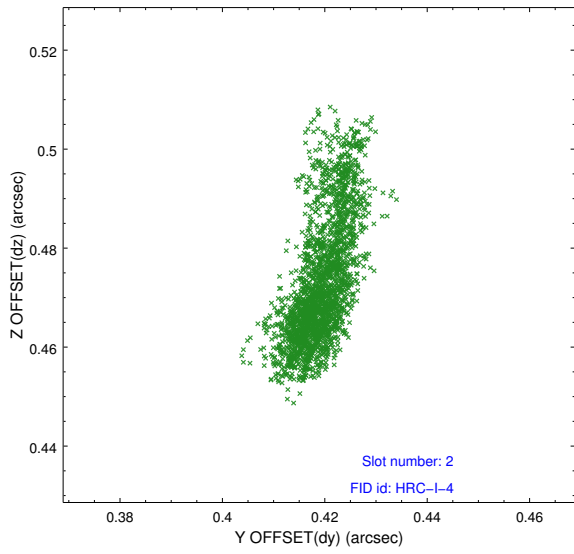
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.01.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.1348

A.2 Comments

Joint proposal with RXTE.

The large offsets in the fid light positions are due to deliberate off-center placement of the source.