

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 7563 - L2 Version 3
Chandra X-Ray Center

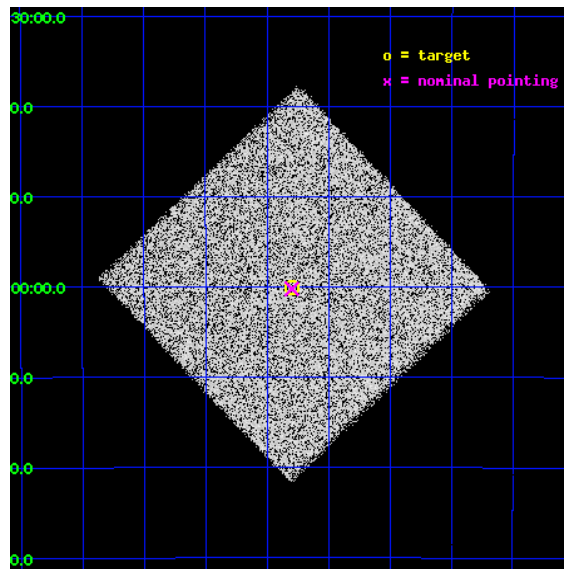
L2 Processing Date : Aug 12 2012

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1 Front

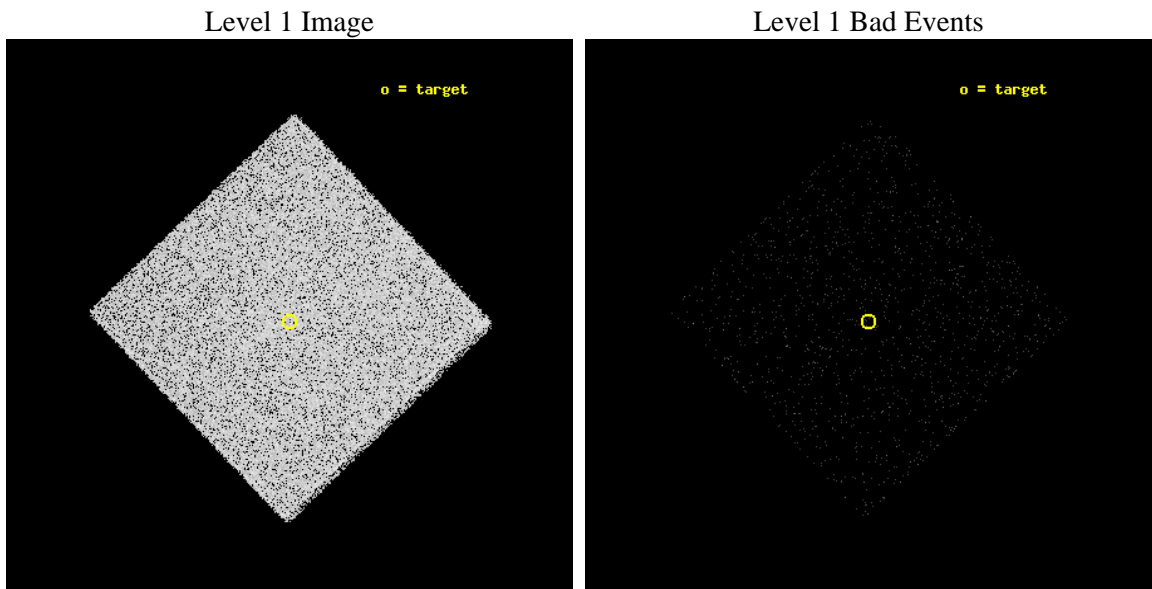
seq_num	400673	Sequence number
obs_id	7563	Observation id
title	Faint persistent X-ray sources in the Galactic Bulge	Proposal titl
observer	Dr. Marc Klein-Wolt	Principal investigator
object	XTE J1812-230	Source name
ra_targ	273.2	Observer's specified target RA [deg]
dec_targ	-23.0	Observer's specified target Dec [deg]
ra_nom	273.19956929364	Nominal RA [deg]
dec_nom	-23.003484597292	Nominal Dec [deg]
roll_nom	271.41986942006	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1185.9250572324	[s]
livetime	1174.1037958872	Ontime multiplied by DTCOR
l2events	68546	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1185.9250572324	[s]
caldbver	4.5.1.1	 	l1events	136156	Number of level 1 events
date	2012-08-12T06:29:02	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

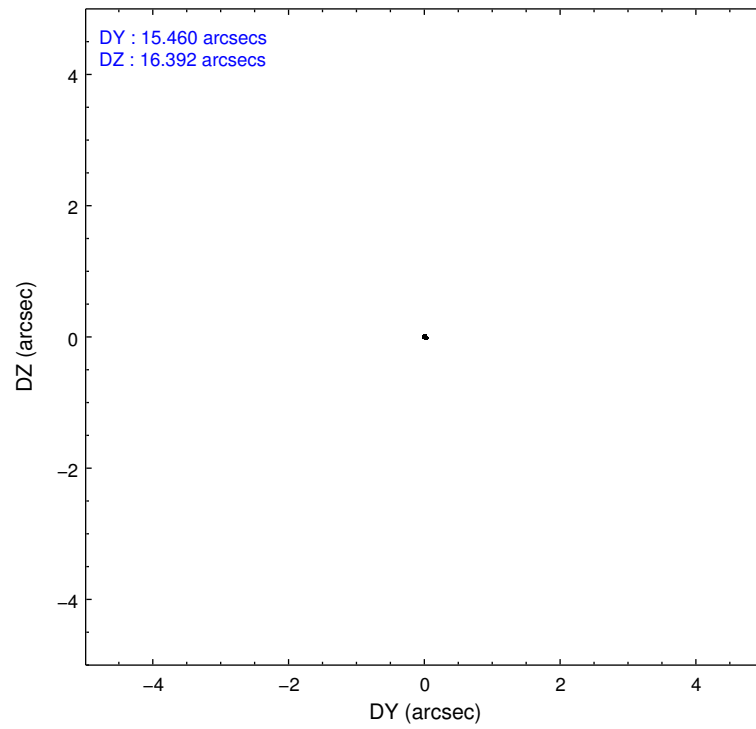
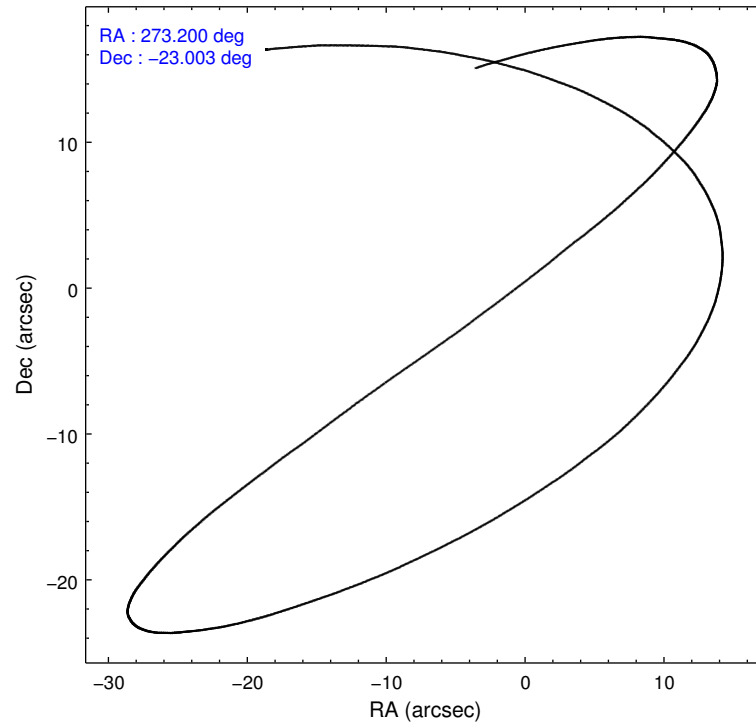
Level 1 Events

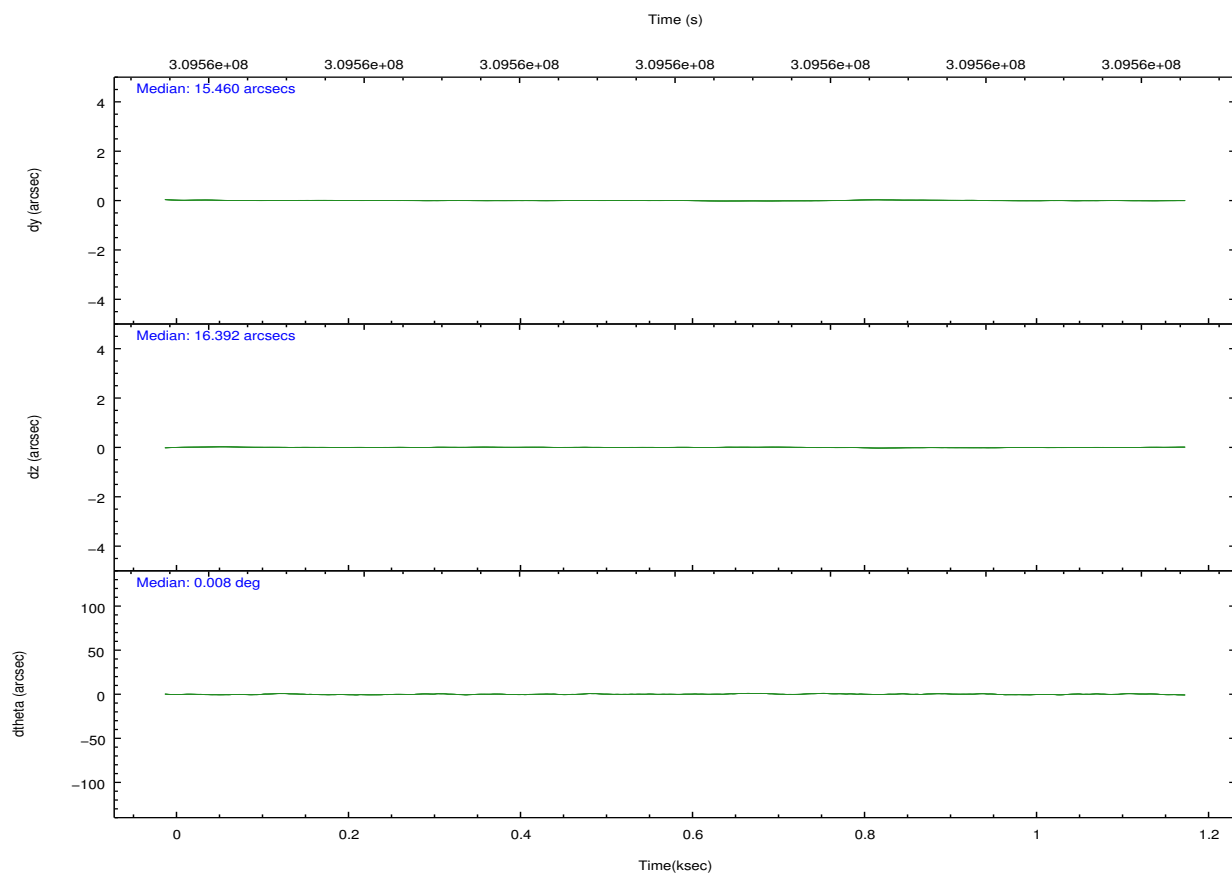
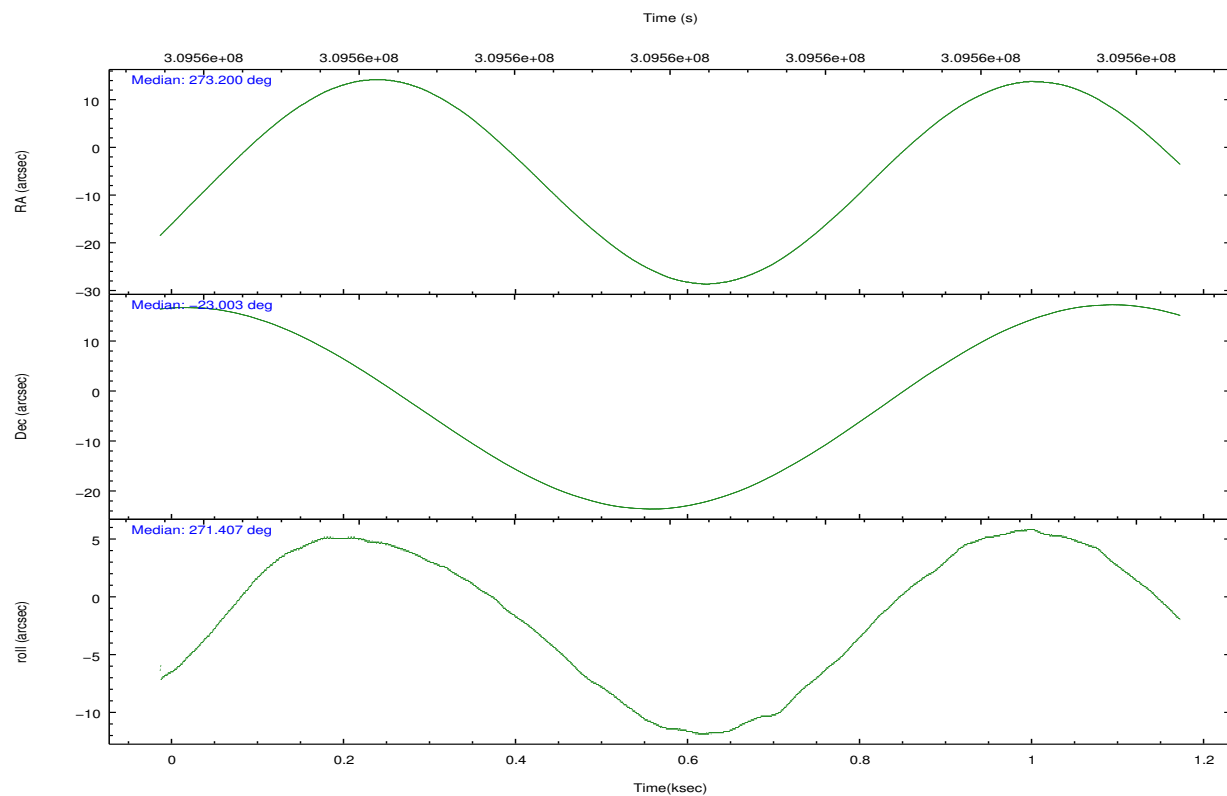
	segment 0
level 1 events	136156
rejected events	34892
rejected %	25%

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	273.182434	273.1995692936397			
[deg] Pointing Dec	-22.981089	-23.00348459729166			
[deg] Pointing Roll	271.508676	271.4198694200638			
[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)	309556781.184000	309556331.30163			
Observation start date	2007-10-23T19:58:36	2007-10-23T19:52:11			
[s] Observation end time (MET)	309557781.184000	309557920.05171			
Observation end date	2007-10-23T20:15:16	2007-10-23T20:18:40			

2.3 Aspect



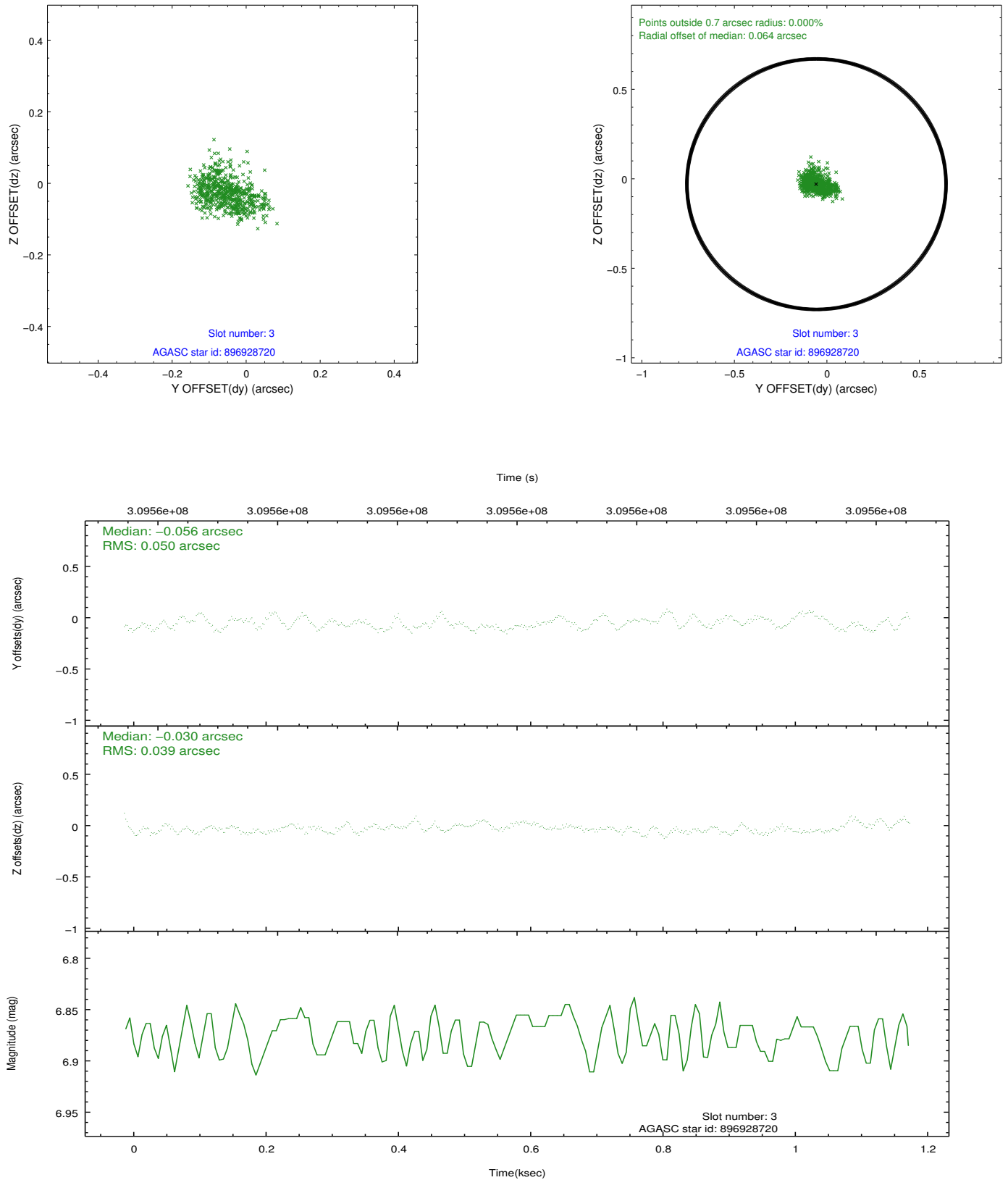


Slot Statistics

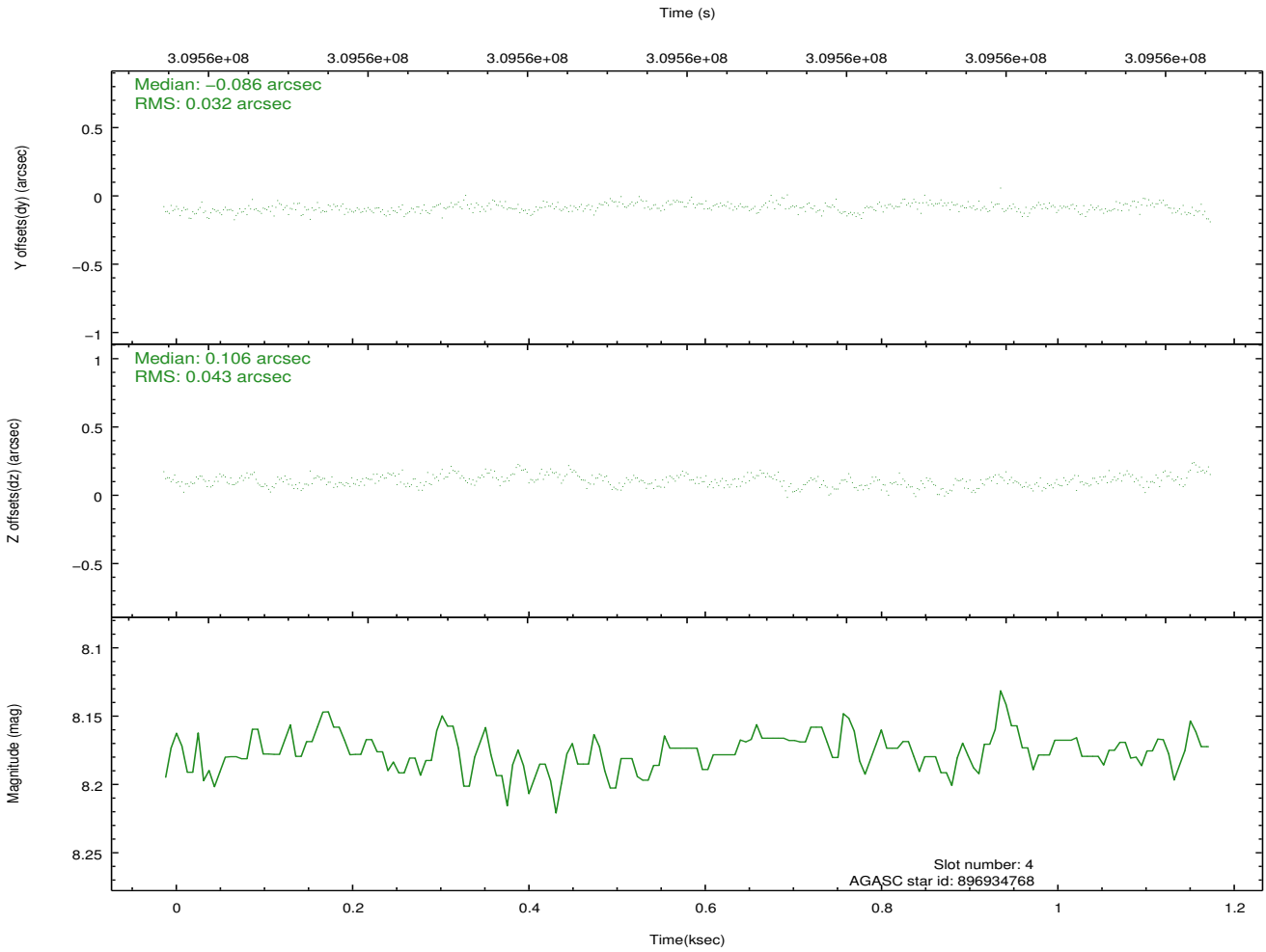
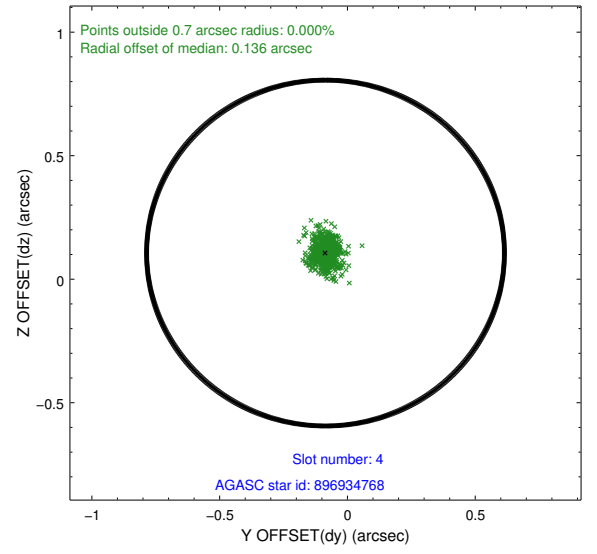
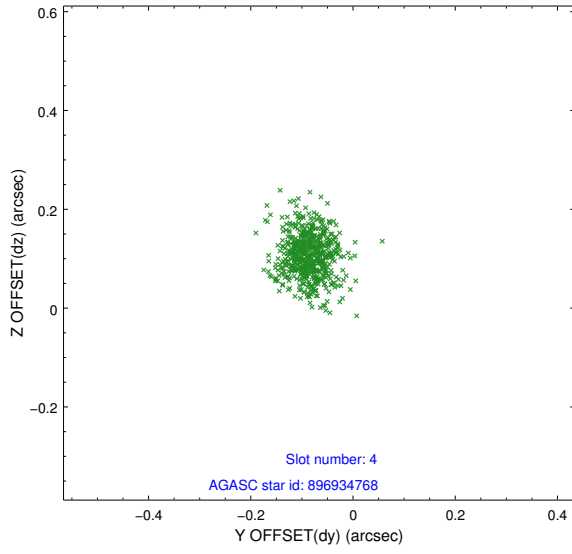
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	290	-0.066	0.005	0.008	0.013	0.000000	0.000000	-771.33	-1304.51
1	FID	HRC-I-2	7.01	290	0.193	-0.092	0.006	0.010	0.000000	0.000000	838.90	-1310.67
2	FID	HRC-I-3	7.06	290	-0.008	-0.003	0.008	0.016	0.000000	0.000000	-1196.88	995.52
3	GUIDE	896928720	6.87	580	-0.056	-0.030	0.069	0.108	273.260398	-23.117279	498.96	241.36
4	GUIDE	896934768	8.18	580	-0.086	0.106	0.057	0.094	273.424597	-23.101203	456.72	786.97
5	GUIDE	896938152	8.55	580	0.362	-0.201	0.097	0.151	272.626418	-23.566738	2066.54	-1891.98
6	GUIDE	896938568	7.82	580	-0.107	0.160	0.063	0.098	273.332439	-22.833847	-511.10	504.39
7	GUIDE	896926992	7.76	579	-0.121	-0.052	0.078	0.131	272.455176	-23.440996	1599.56	-2447.70

2.4 Star Slots

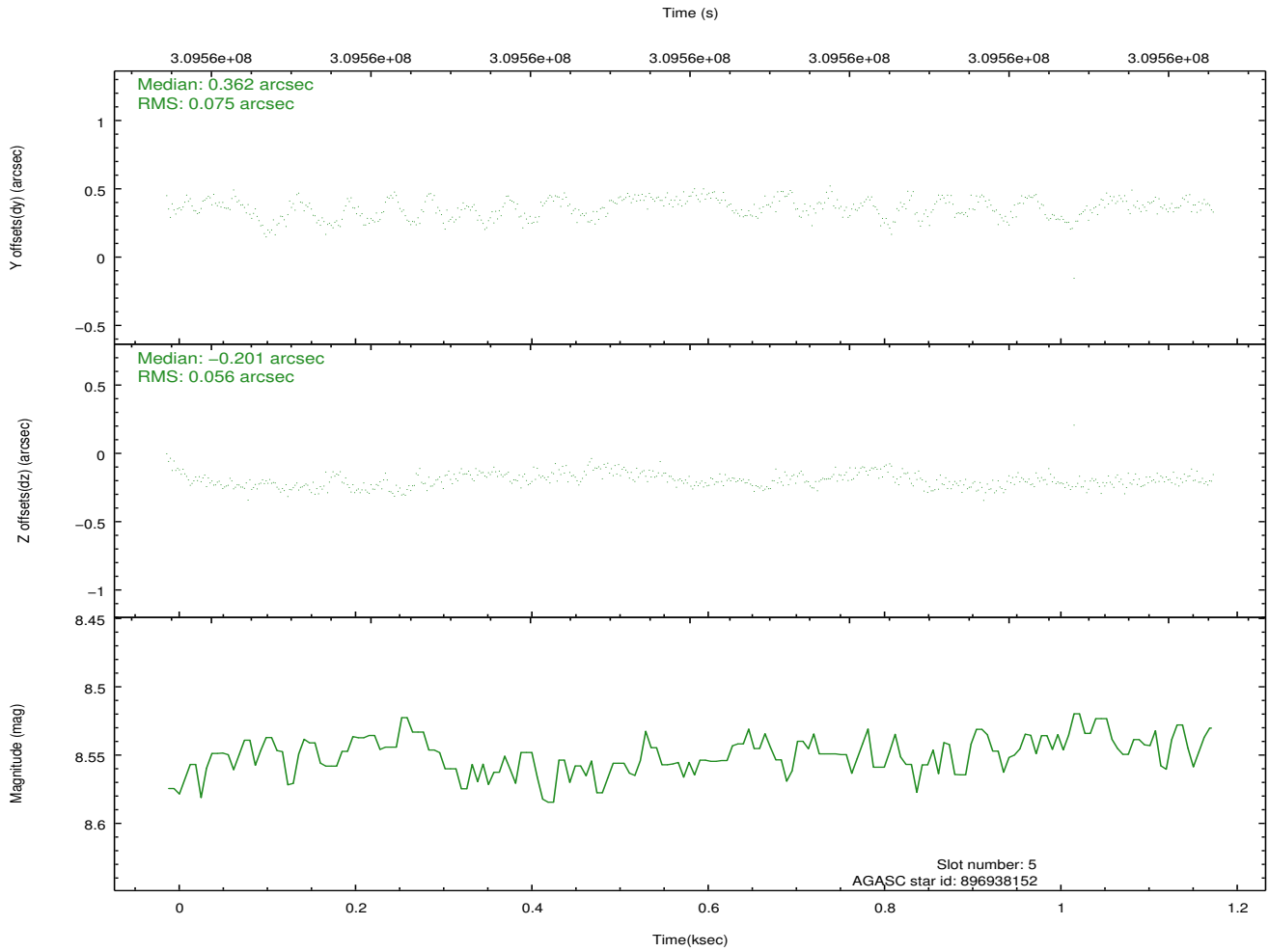
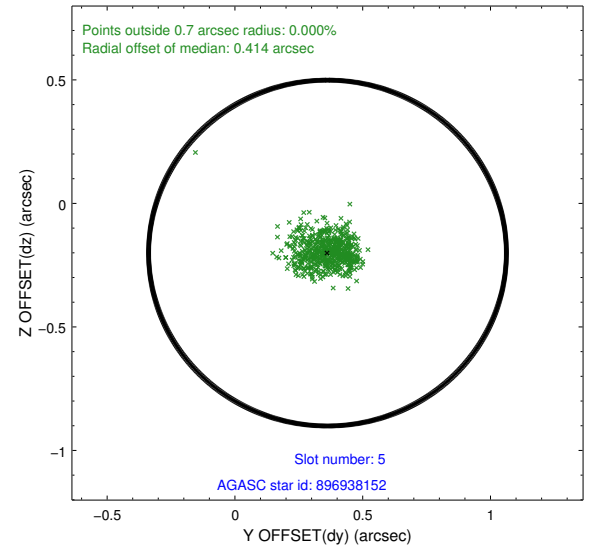
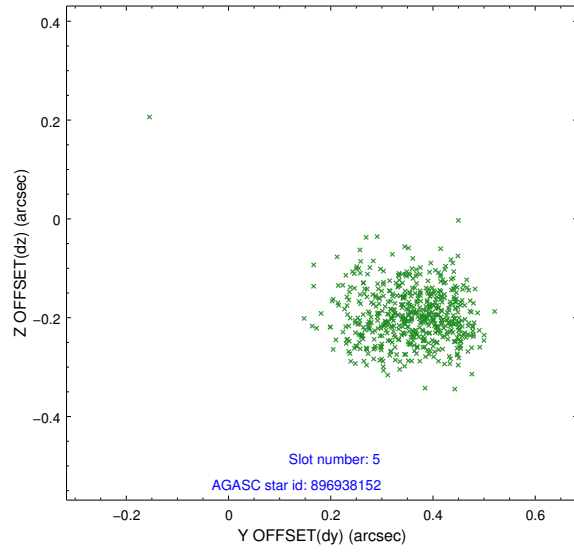
2.4.1 Slot 3



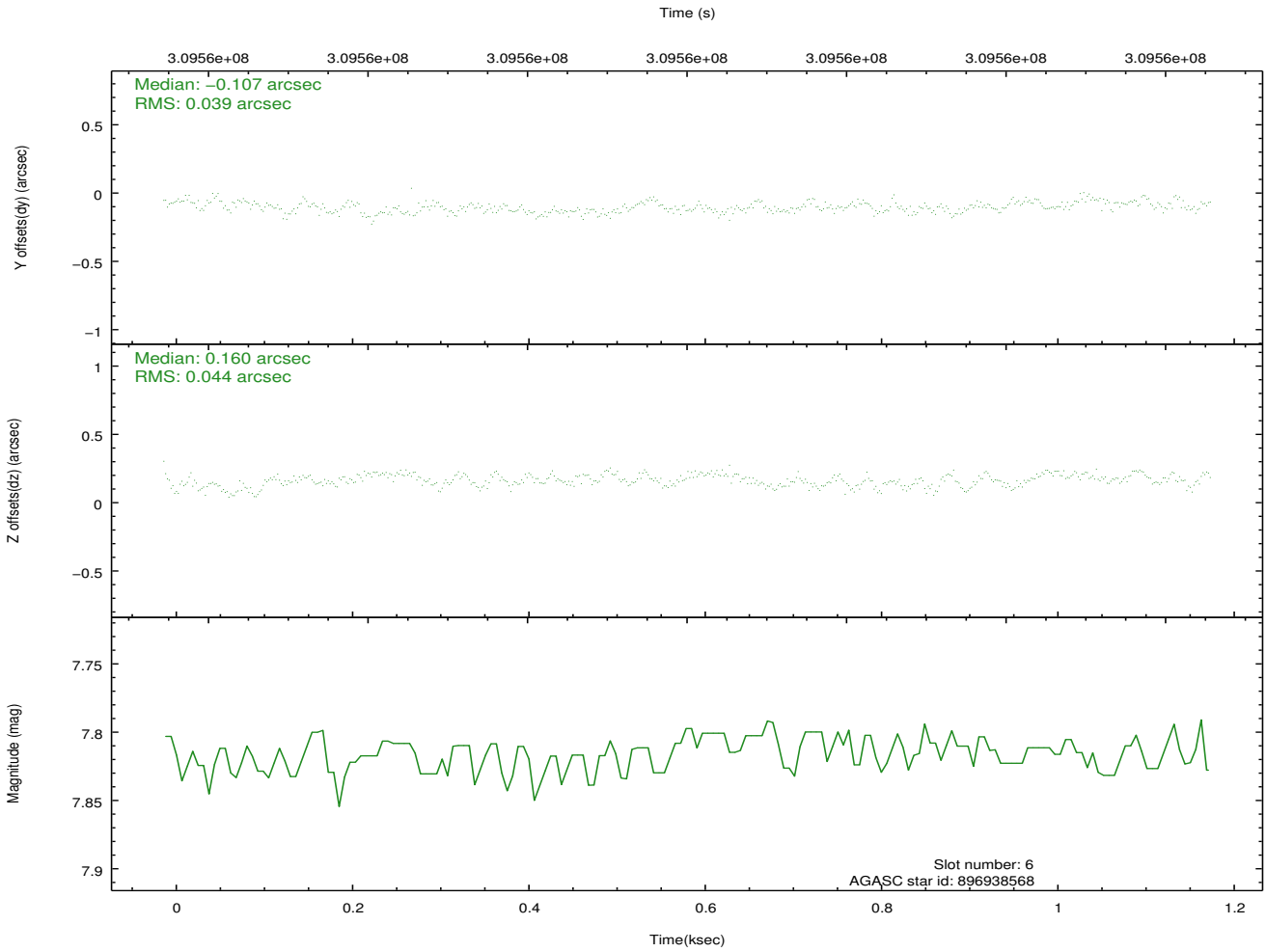
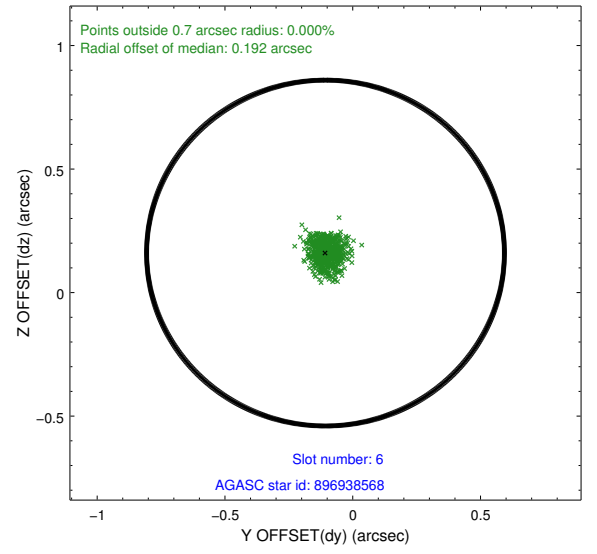
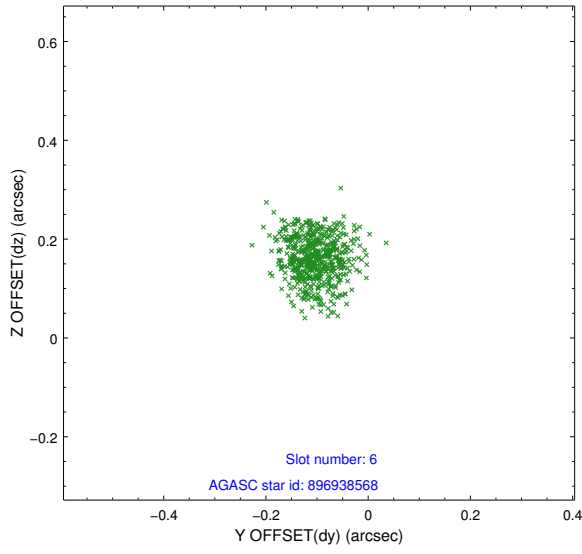
2.4.2 Slot 4



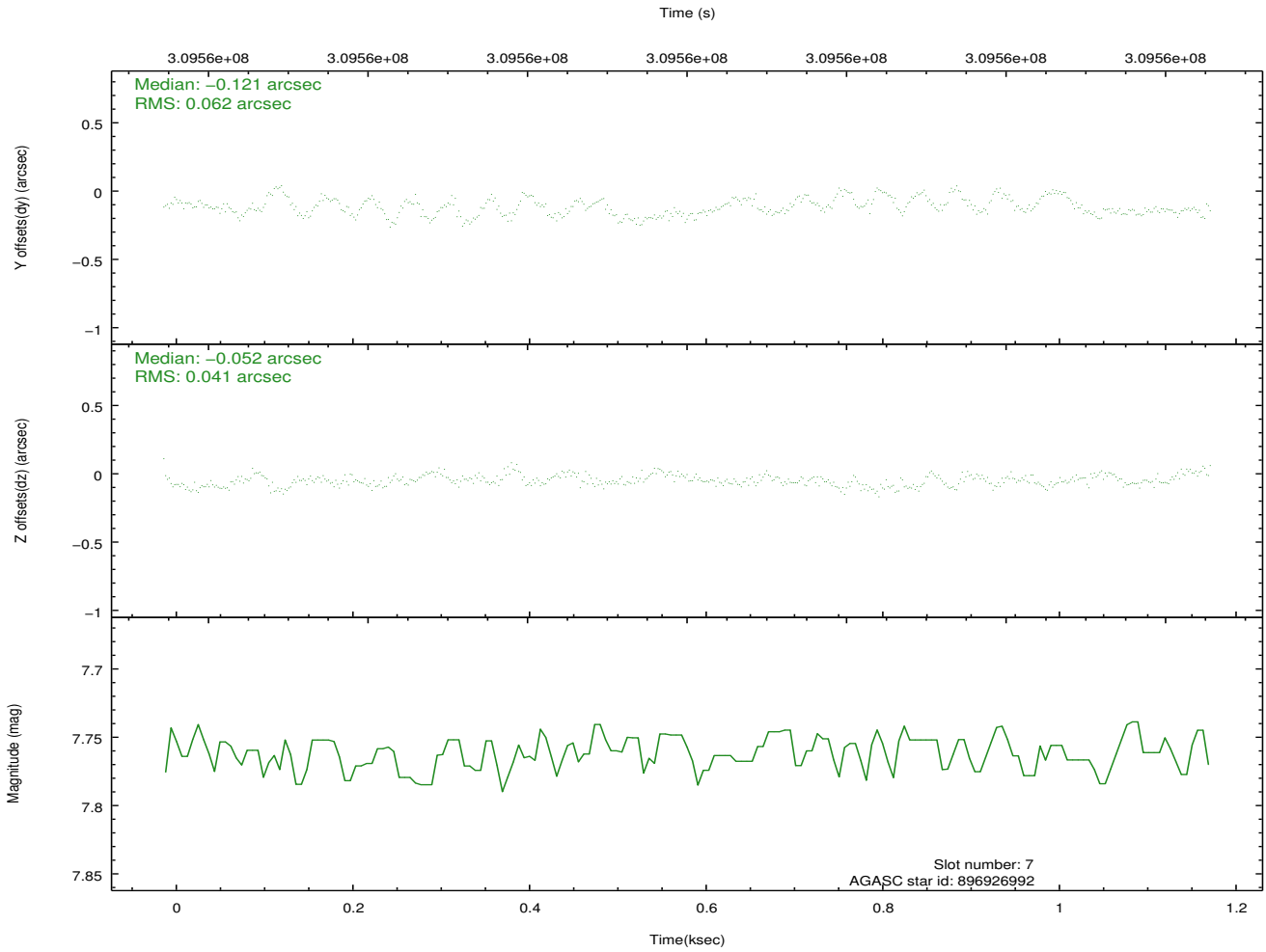
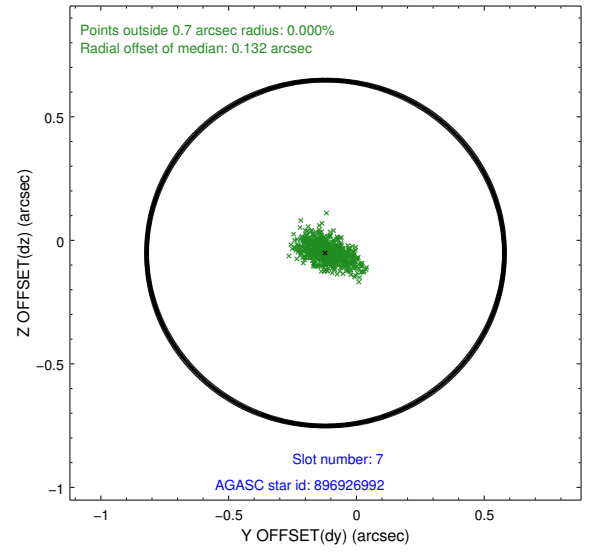
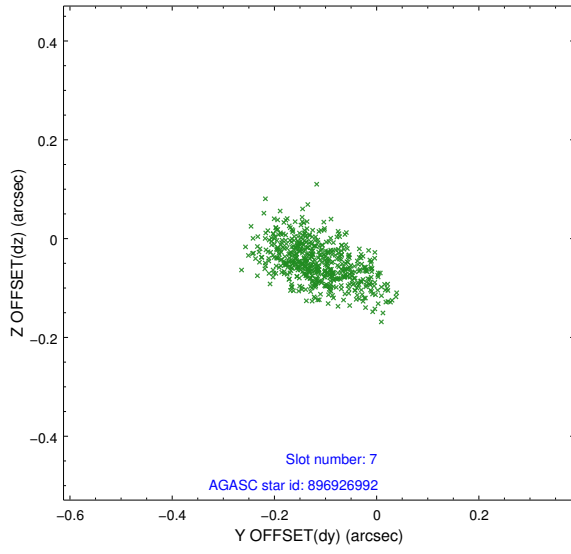
2.4.3 Slot 5



2.4.4 Slot 6

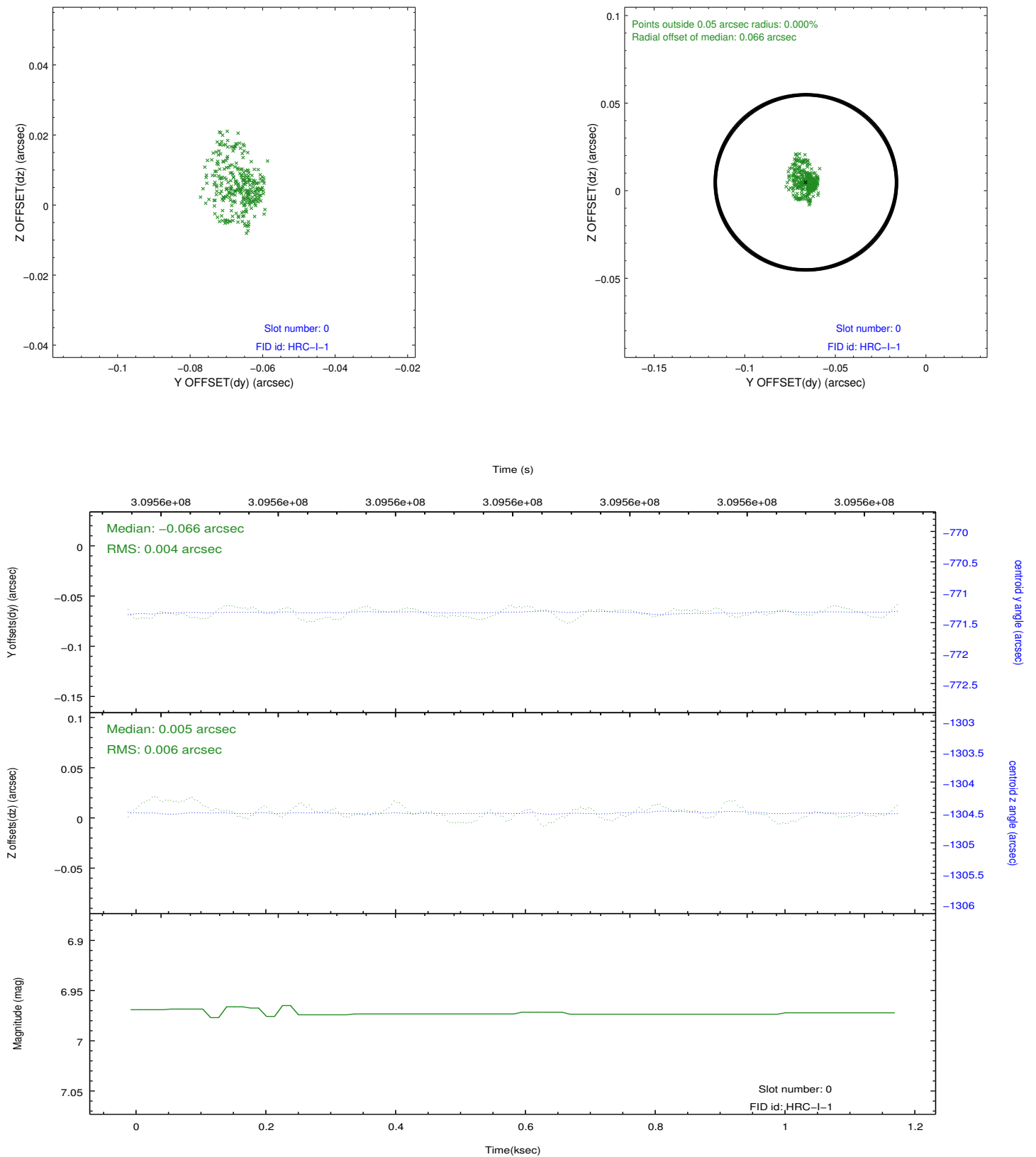


2.4.5 Slot 7

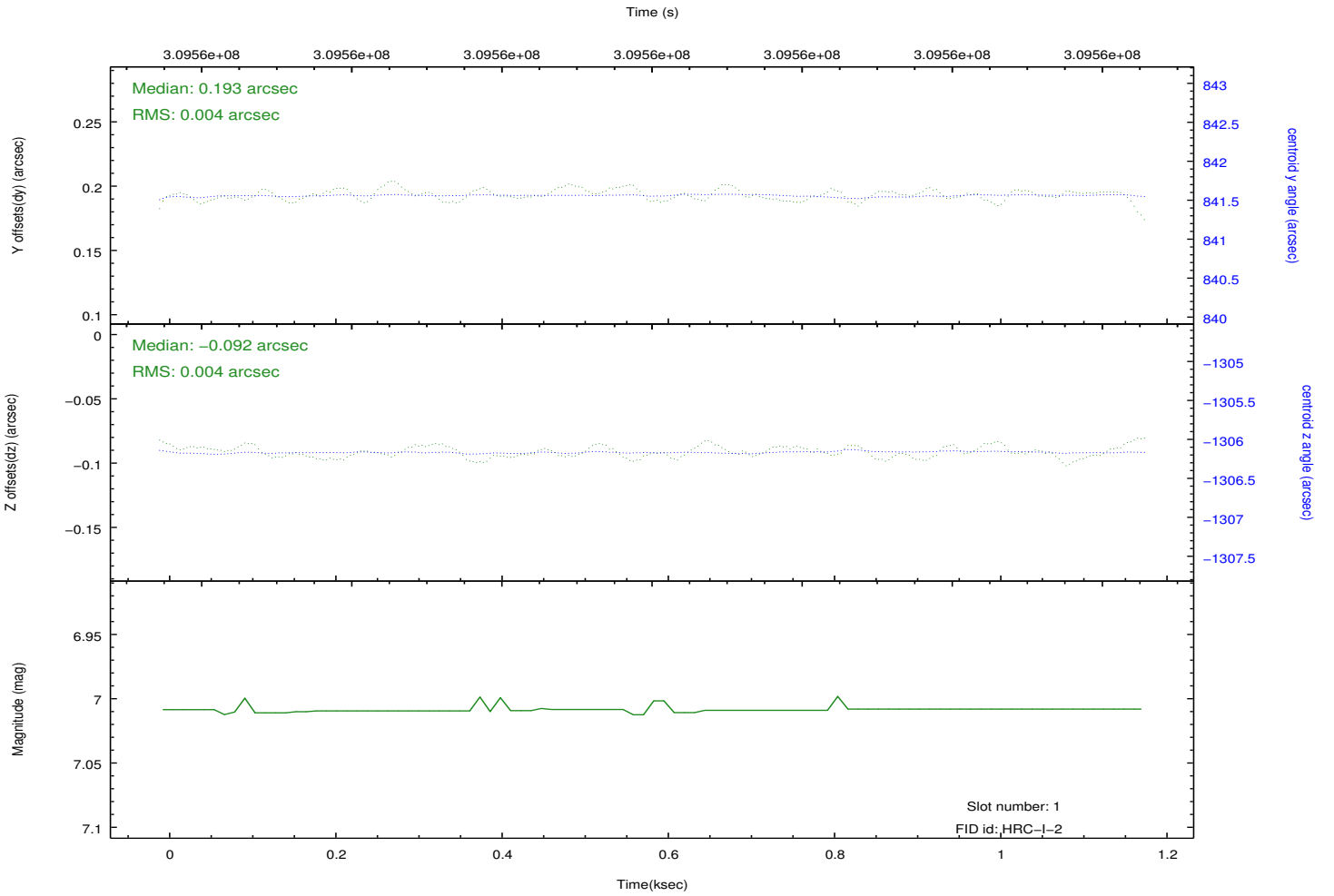
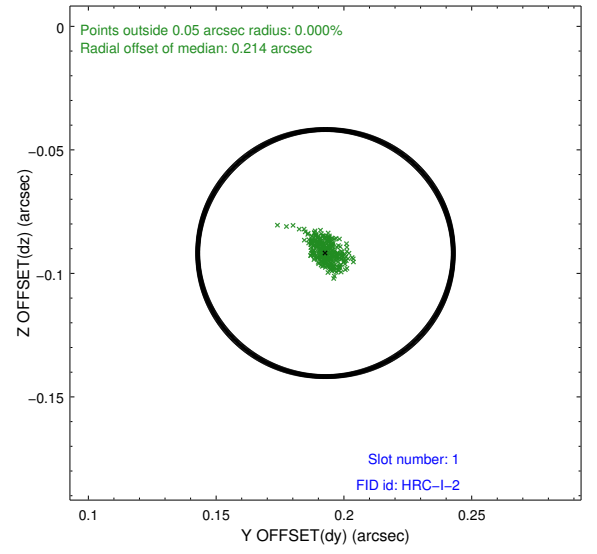
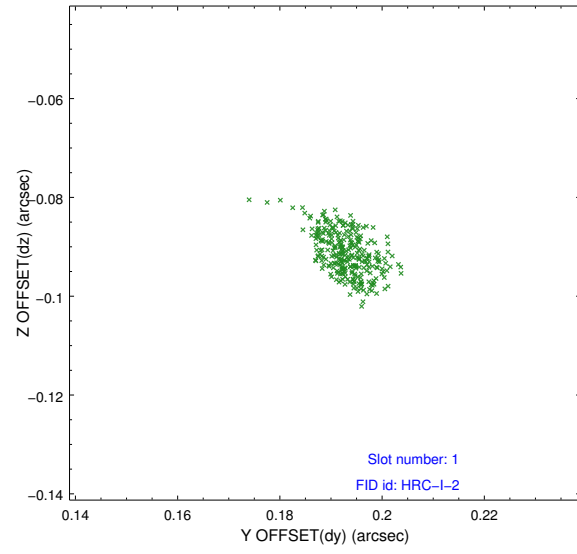


2.5 FID Slots

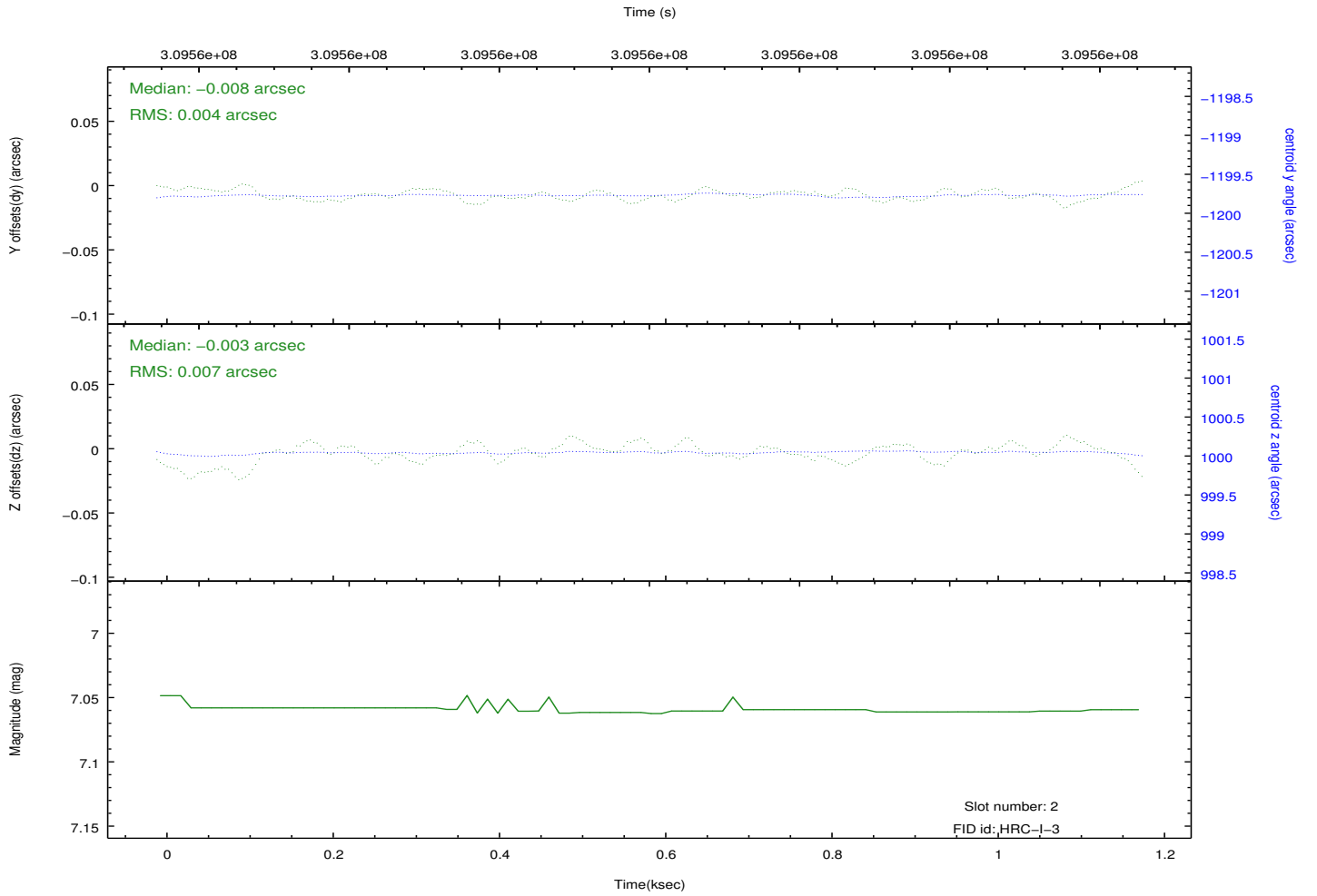
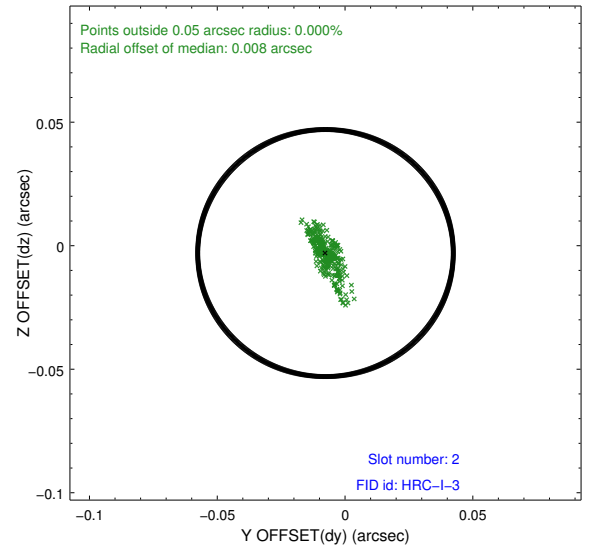
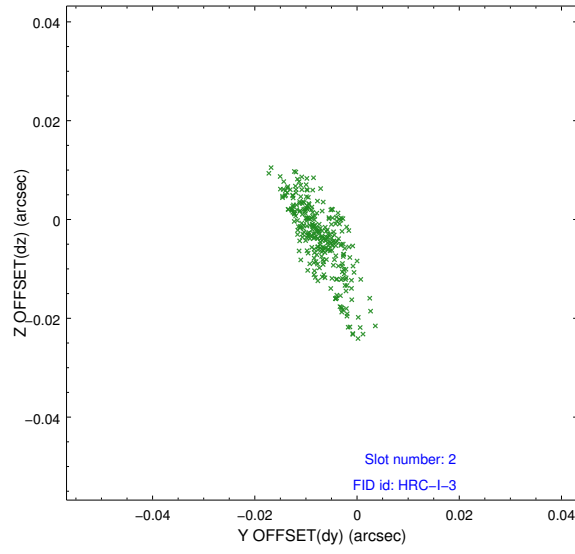
2.5.1 Slot 0



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)	2012.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1861813

A.2 Comments