

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11076 - L2 Version 3
Chandra X-Ray Center

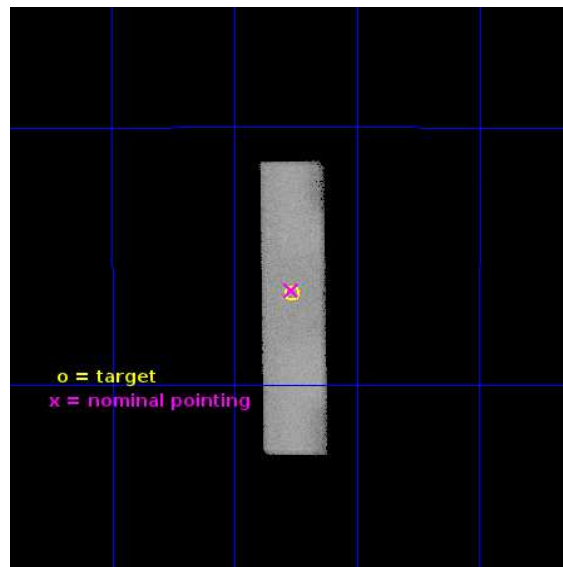
L2 Processing Date : Jun 29 2013

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

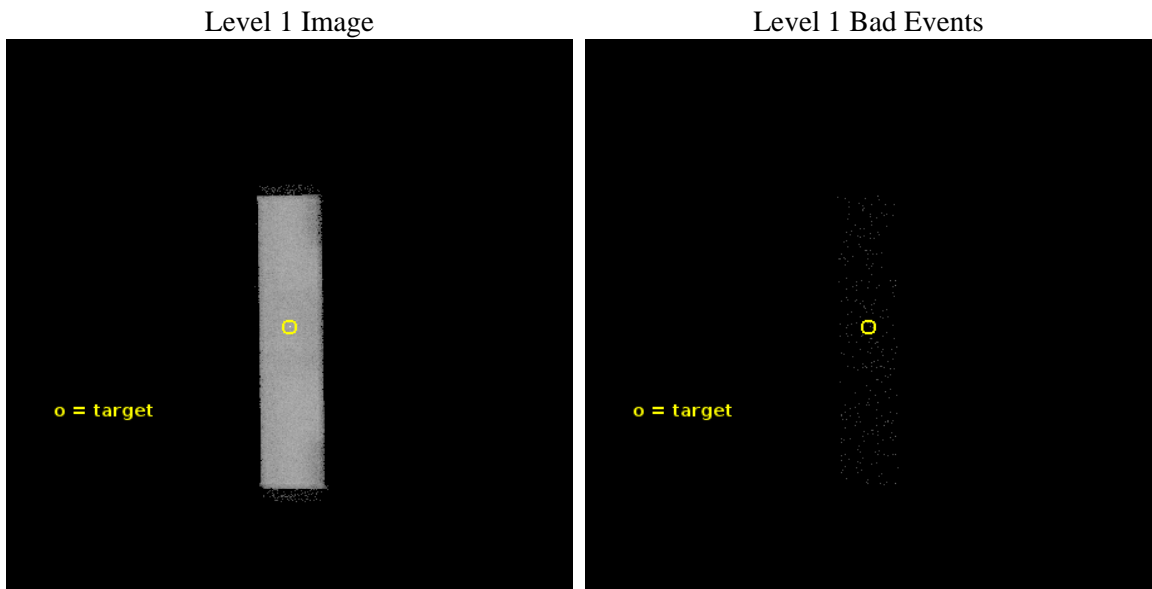
seq_num	401111	Sequence number
obs_id	11076	Observation id
title	Precise Localization of Transient Low-Mass X-ray Binaries	Proposal
observer	Prof. Deepto Chakrabarty	Principal investigator
object	SAX J1753.5-2349	Source name
ra_targ	268.382917	Observer's specified target RA [deg]
dec_targ	-23.821306	Observer's specified target Dec [deg]
ra_nom	268.38396378605	Nominal RA [deg]
dec_nom	-23.81641477783	Nominal Dec [deg]
roll_nom	89.286089912097	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1141.8500580192	[s]
livetime	875.3905807486	Ontime multiplied by DTCOR
l2events	191677	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	10	Processing system revision	ontime	1141.8500580192	[s]
caldbver	4.5.7	 	l1events	374797	Number of level 1 events
date	2013-06-29T05:18:03	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

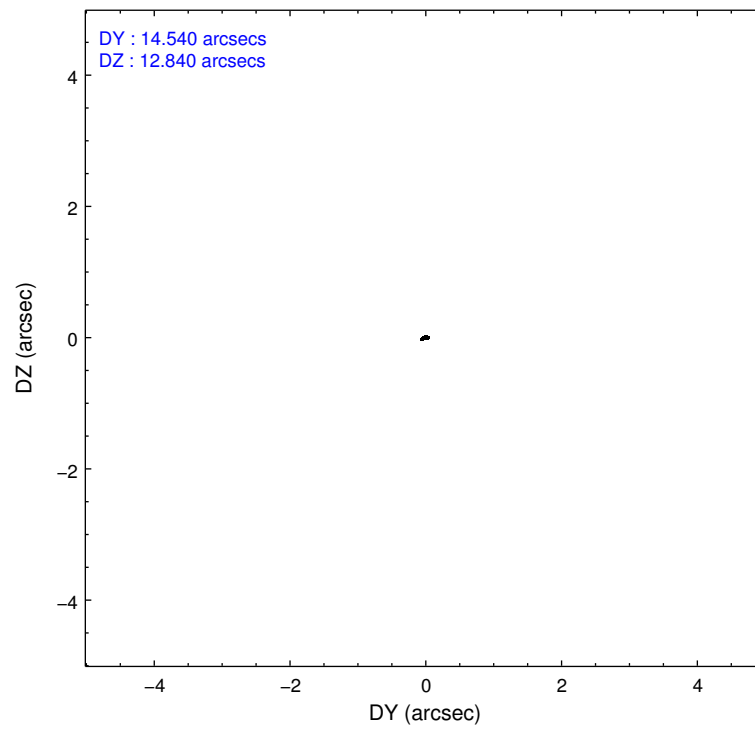
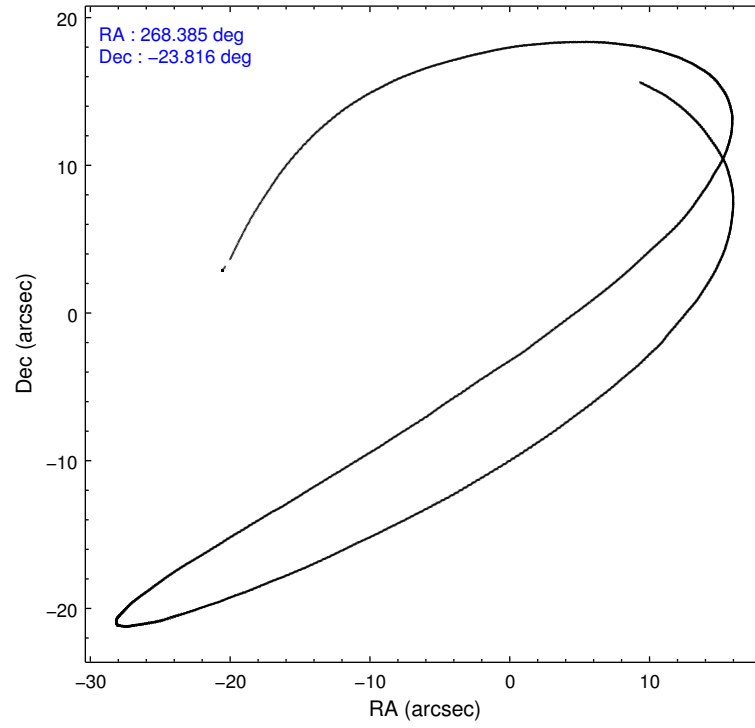
Level 1 Events

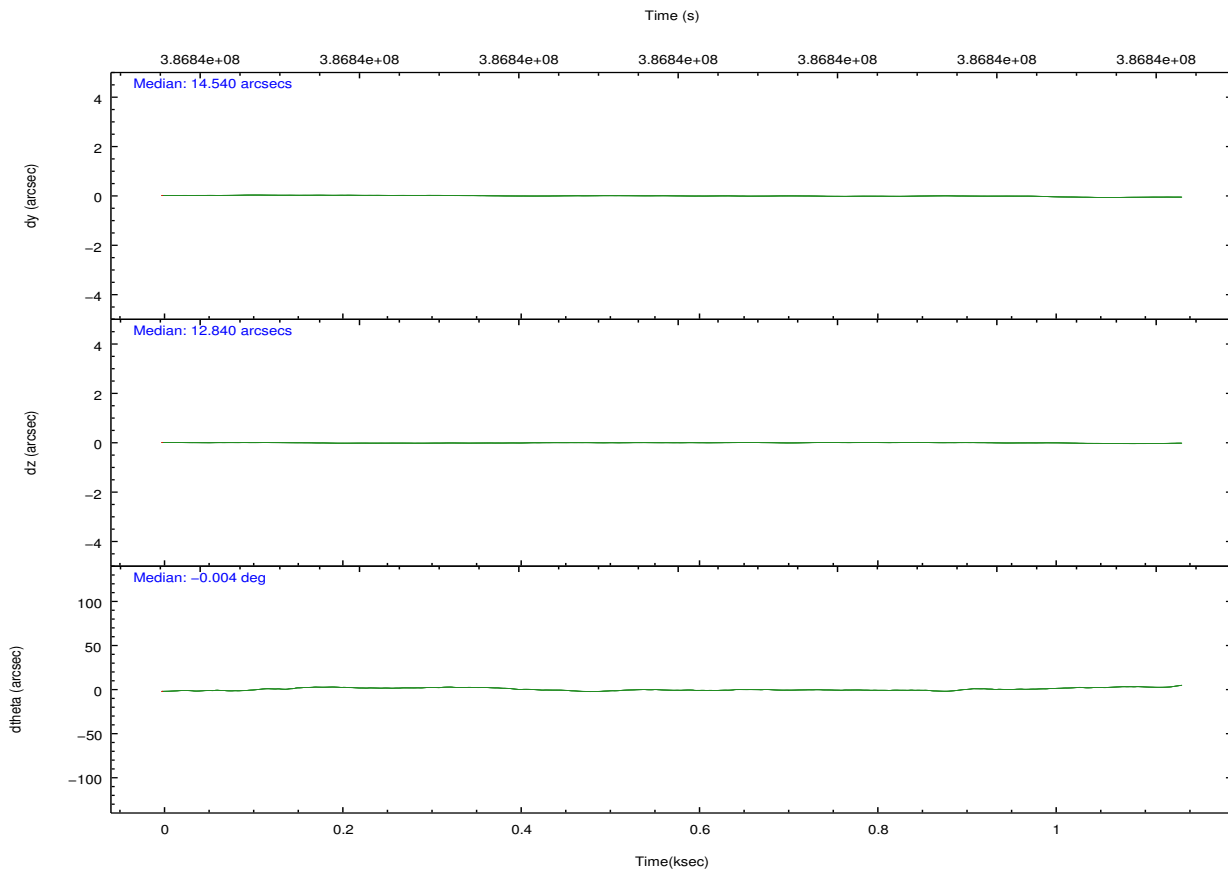
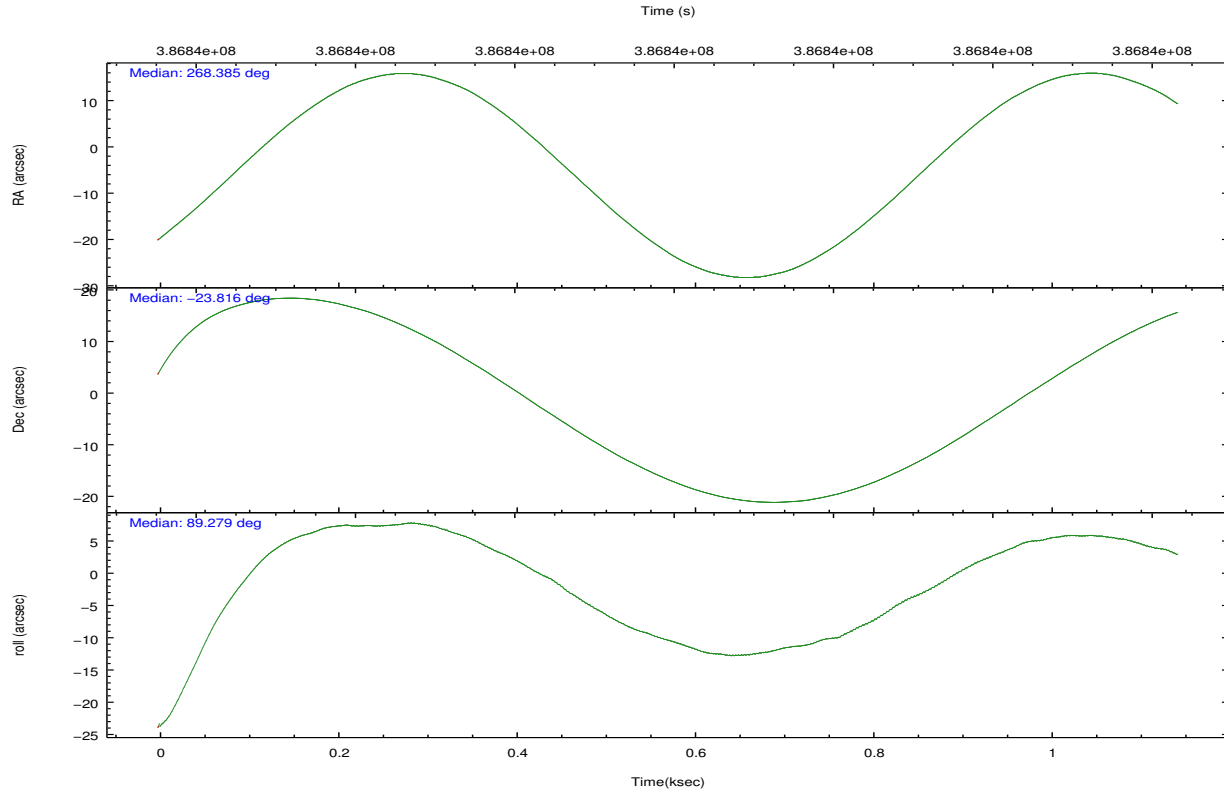
	segment 1	segment 2	segment 3
level 1 events	123	374674	0
rejected events	57	164195	0
rejected %	46%	43%	0%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	268.399757	268.3839637860469			
[deg] Pointing Dec	-23.840855	-23.8164147778301			
[deg] Pointing Roll	89.225276	89.28608991209664			
[mm] SIM focus pos	-1.533336	-1.526339935833849			
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	386843756.184000	386842688.92488			
Observation start date	2010-04-05T08:34:50	2010-04-05T08:18:08			
[s] Observation end time (MET)	386844756.184000	386845382.62501			
Observation end date	2010-04-05T08:51:30	2010-04-05T09:03:02			

2.3 Aspect



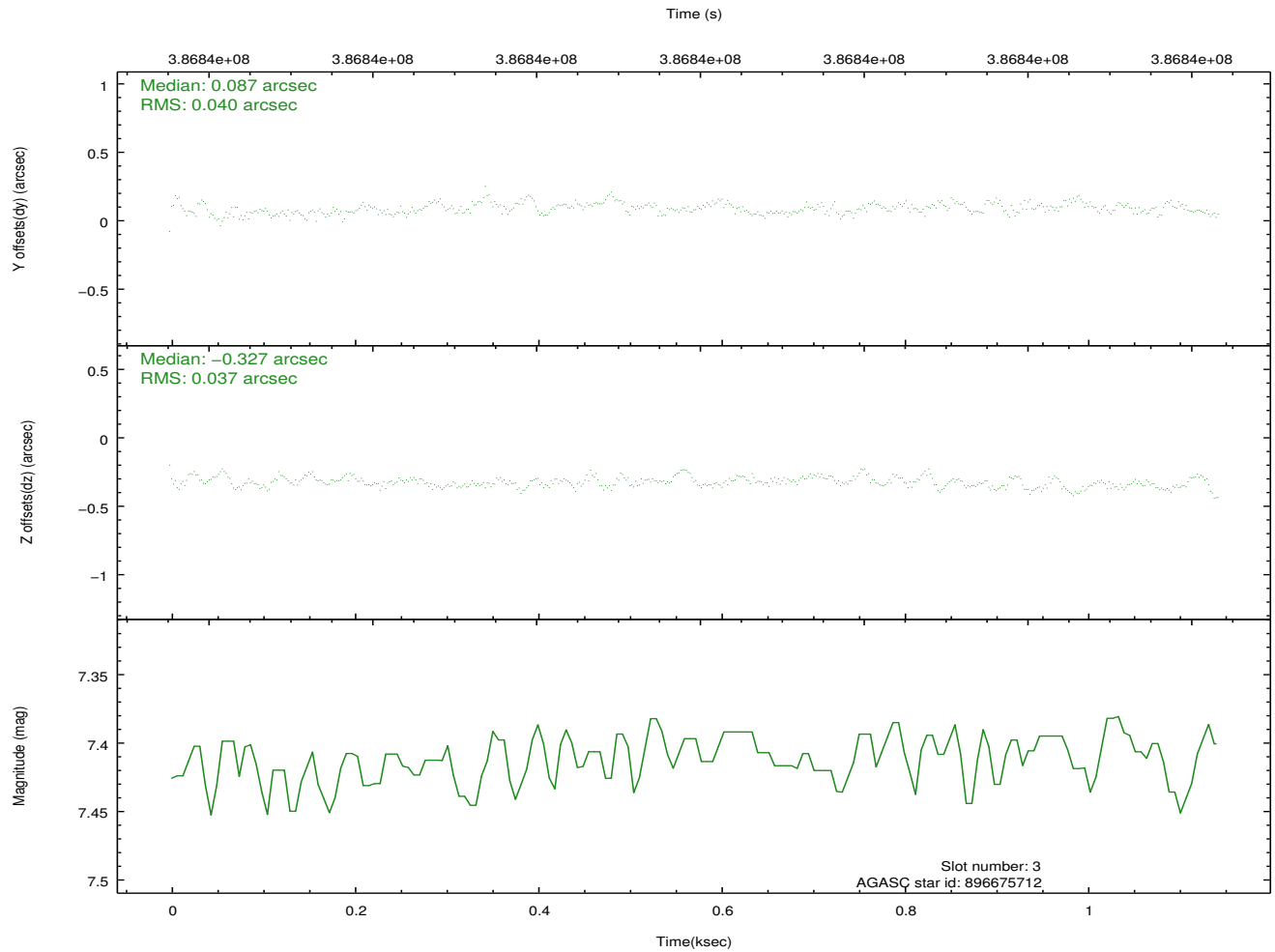
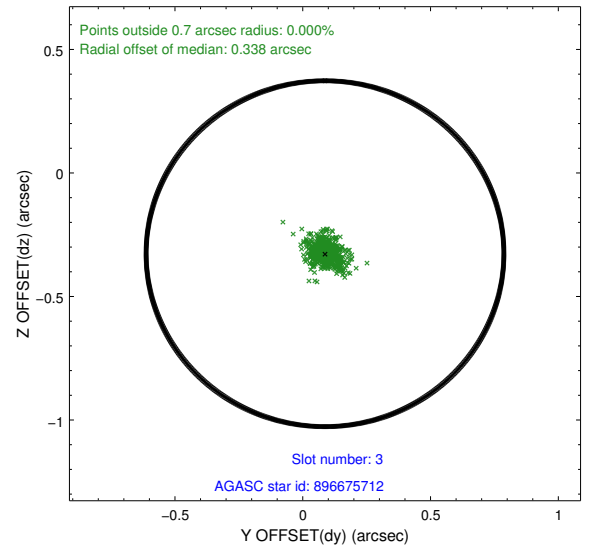
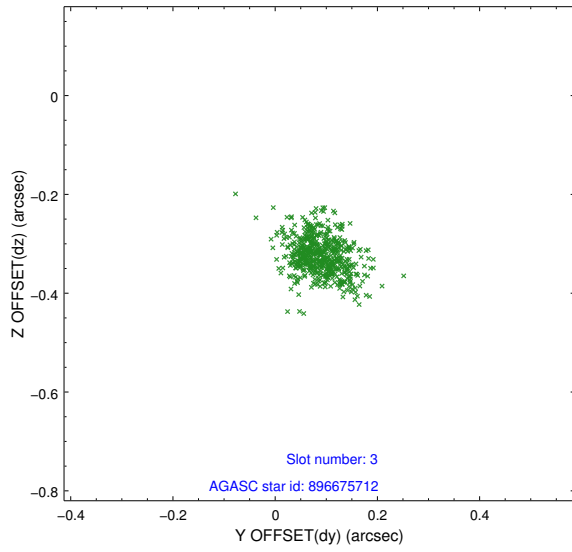


Slot Statistics

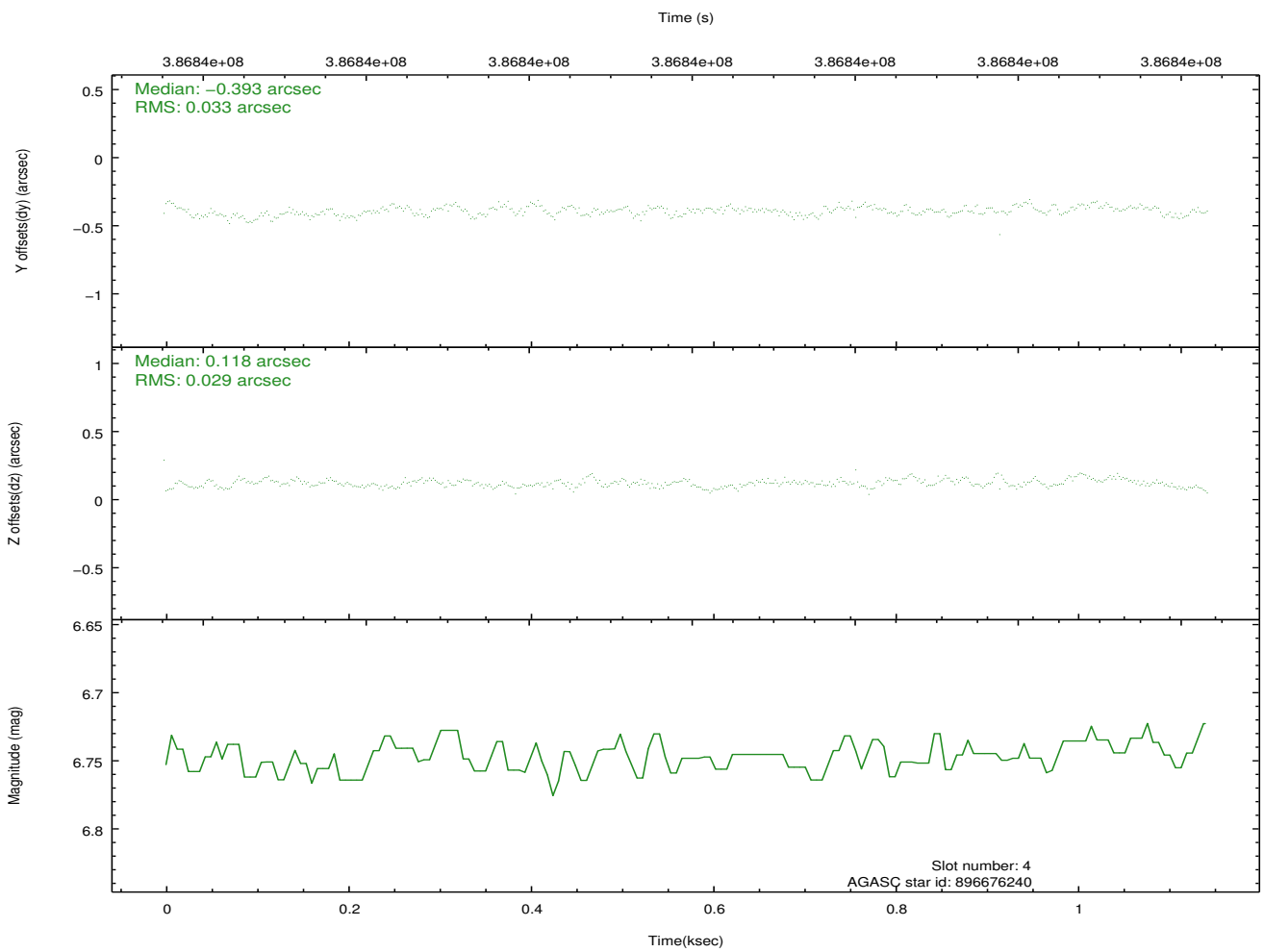
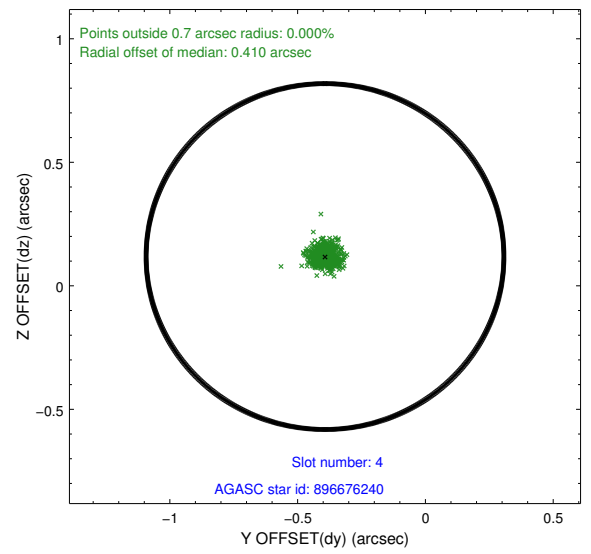
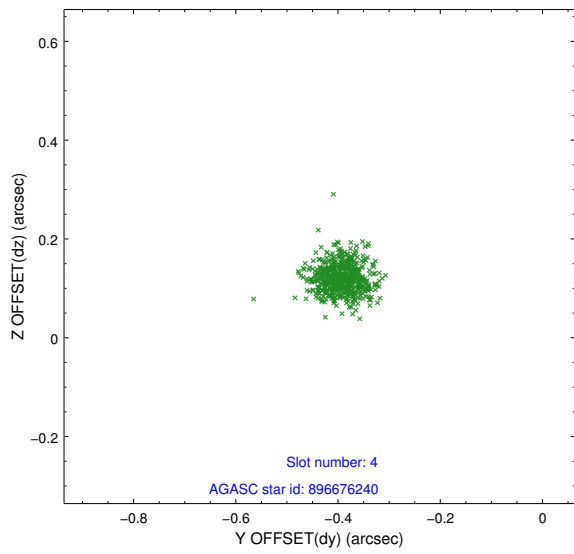
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.04	280	0.067	-0.145	0.025	0.034	0.000000	0.000000	-1168.93	-461.62
1	FID	HRC-S-2	7.02	280	0.220	-0.112	0.008	0.018	0.000000	0.000000	1226.71	-455.85
2	FID	HRC-S-3	7.04	280	0.103	-0.044	0.021	0.030	0.000000	0.000000	-1167.25	566.36
3	GUIDE	896675712	7.41	559	0.087	-0.327	0.056	0.097	267.913019	-23.677453	563.27	1615.31
4	GUIDE	896676240	6.75	559	-0.393	0.118	0.046	0.075	268.608903	-23.236018	2186.48	-656.01
5	GUIDE	896676832	8.78	559	0.310	0.213	0.077	0.128	268.764867	-24.199321	-1271.63	-1214.31
6	GUIDE	896676920	7.12	559	0.089	-0.165	0.047	0.075	268.229437	-24.215089	-1357.57	541.52
7	GUIDE	896677312	7.78	558	-0.093	0.159	0.081	0.121	269.123406	-23.389939	1647.00	-2364.62

2.4 Star Slots

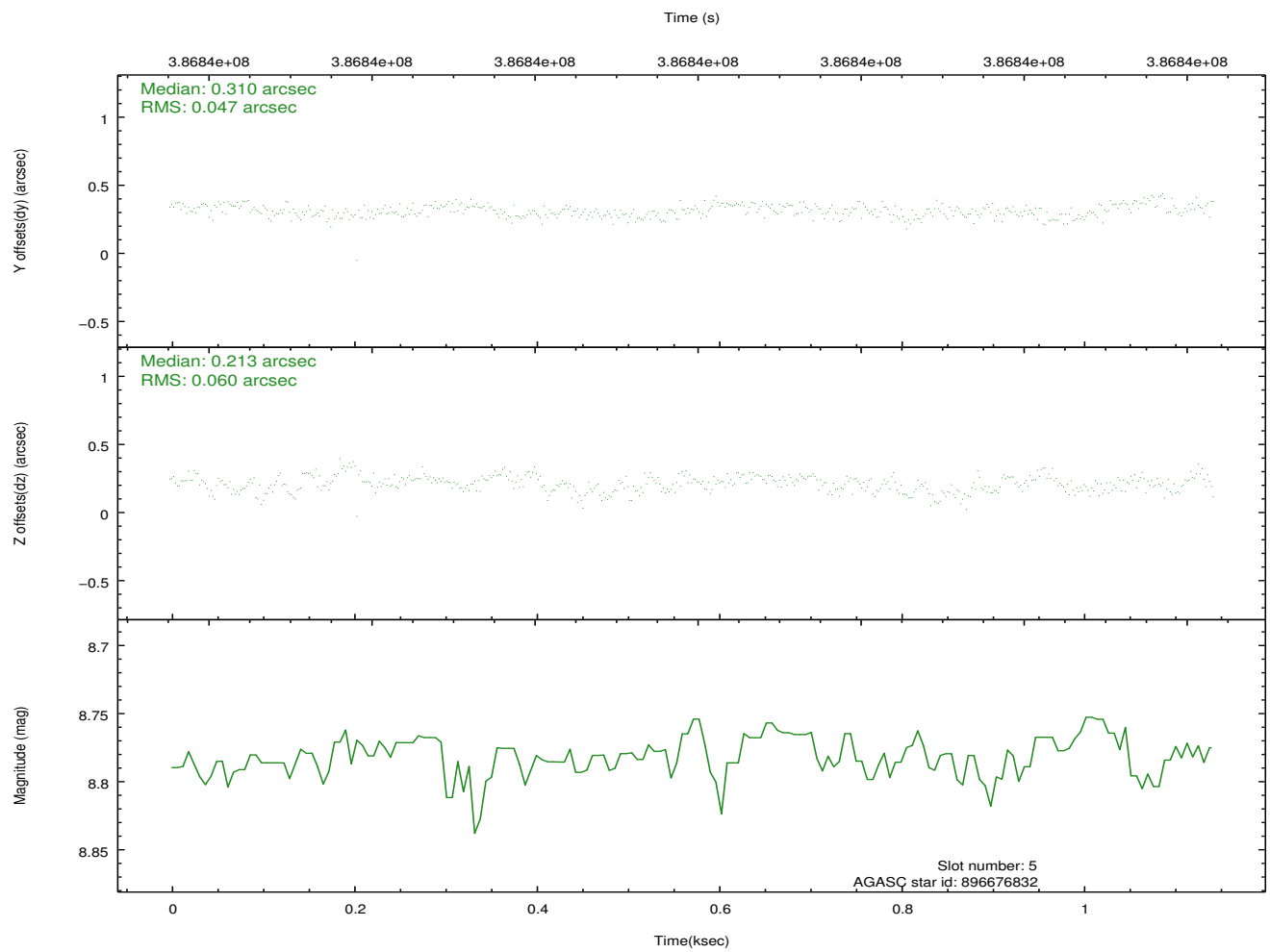
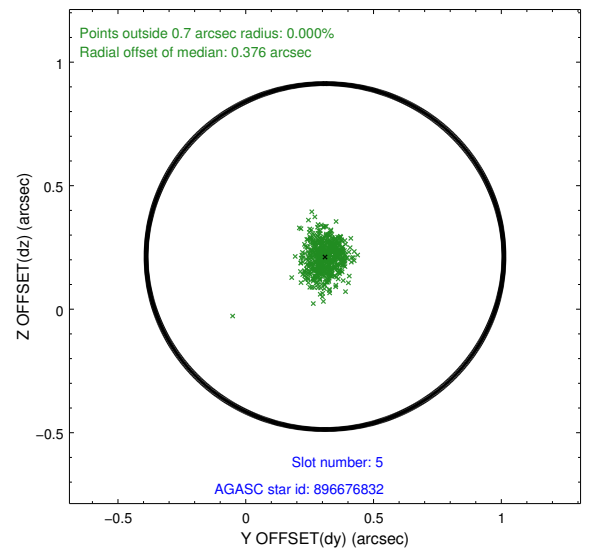
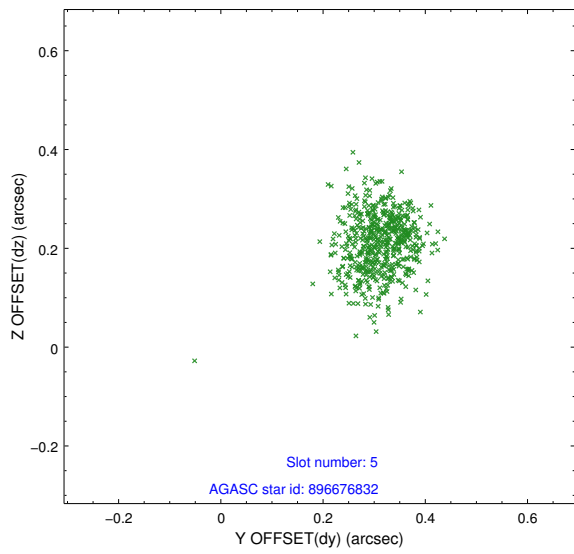
2.4.1 Slot 3



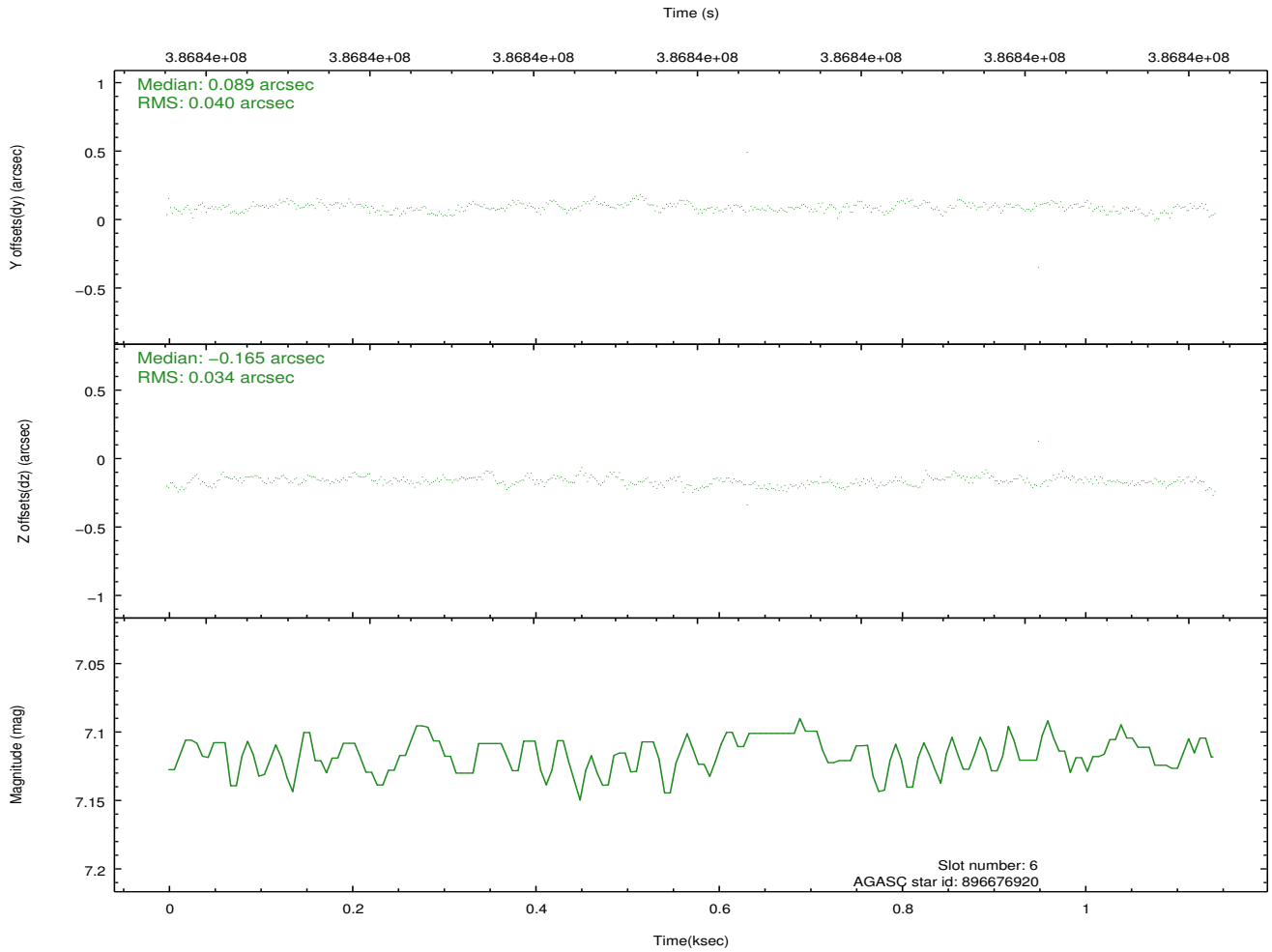
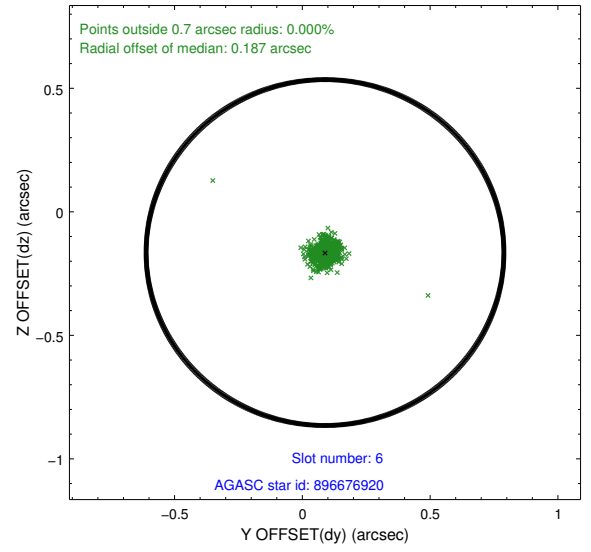
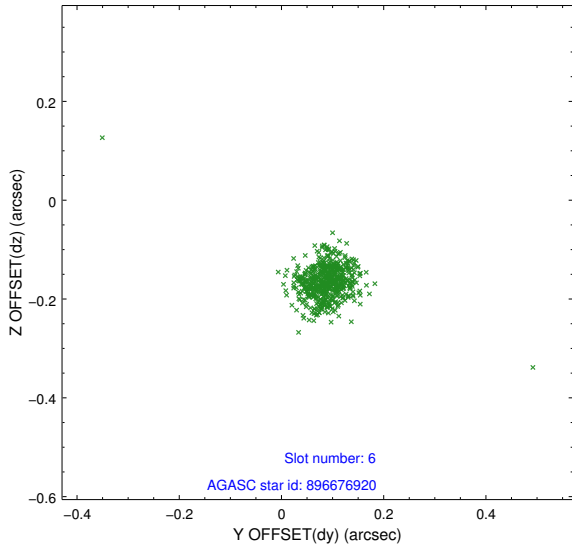
2.4.2 Slot 4



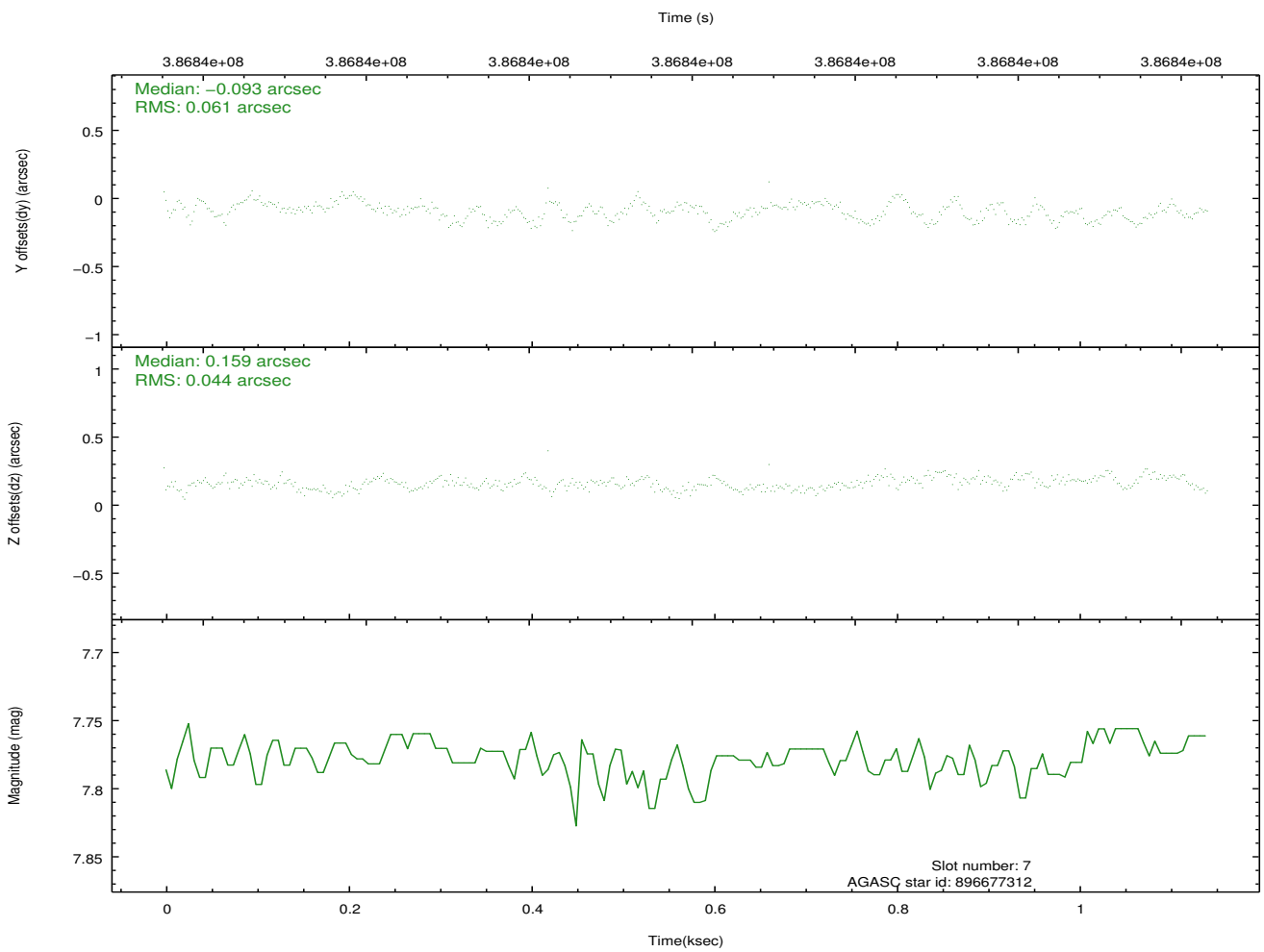
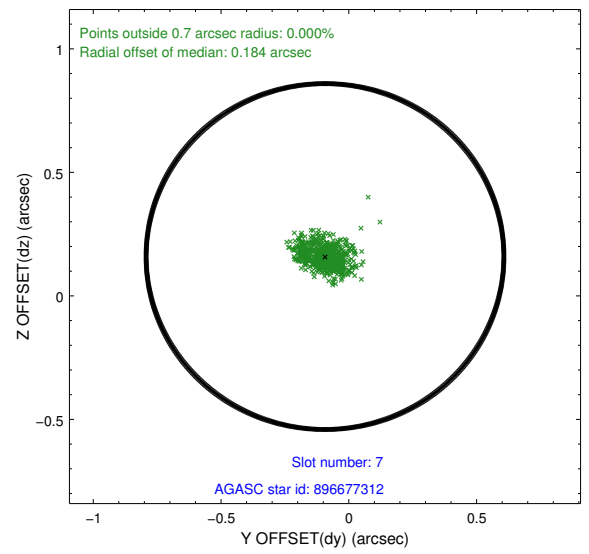
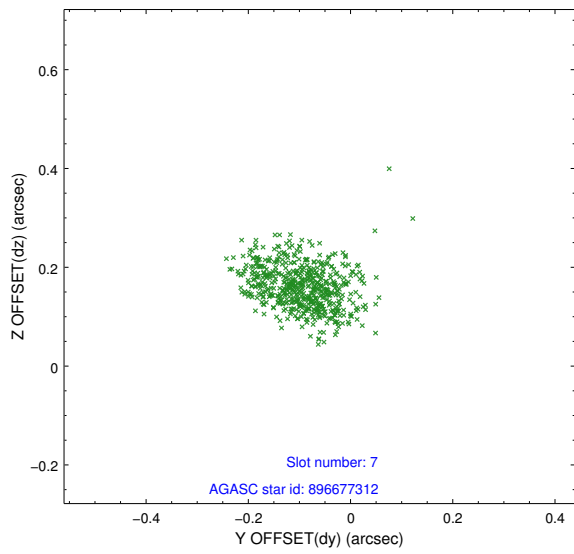
2.4.3 Slot 5



2.4.4 Slot 6

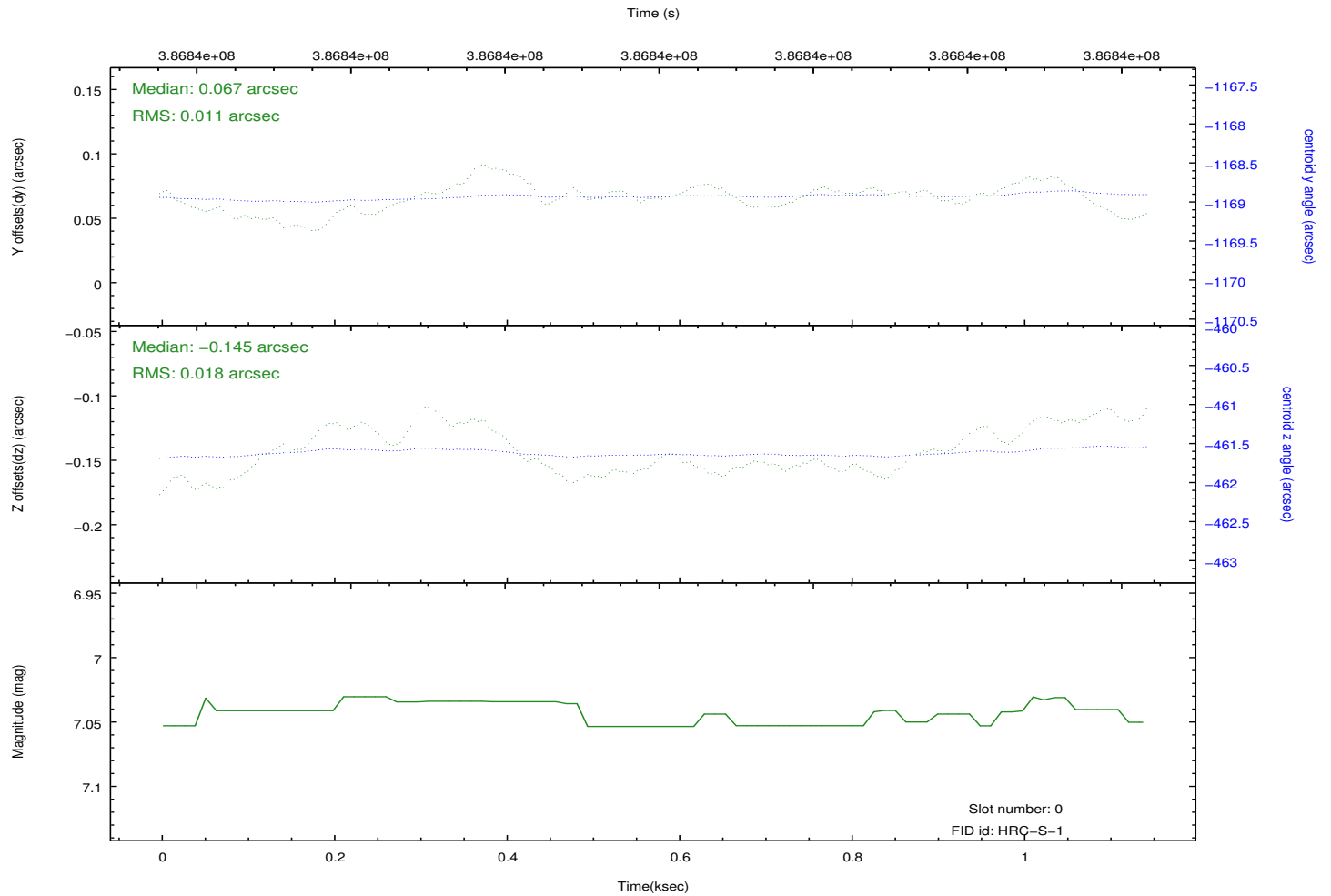
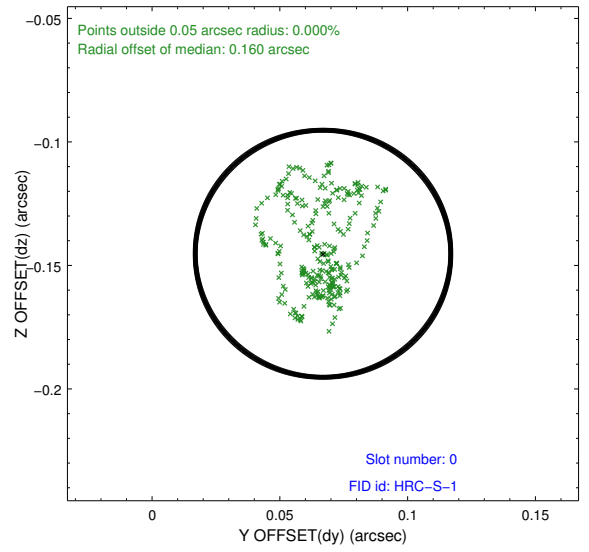
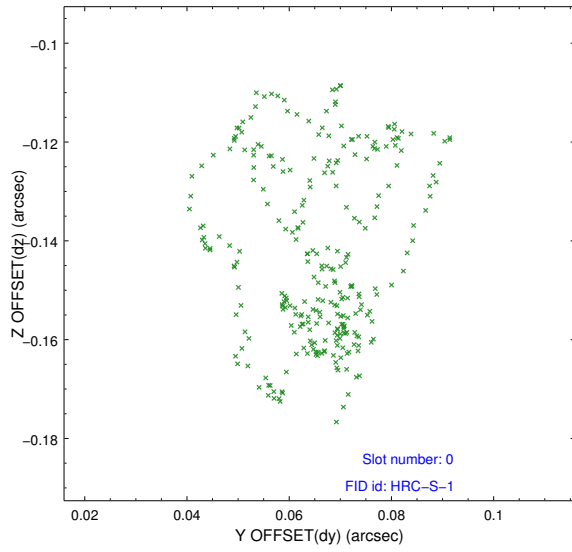


2.4.5 Slot 7

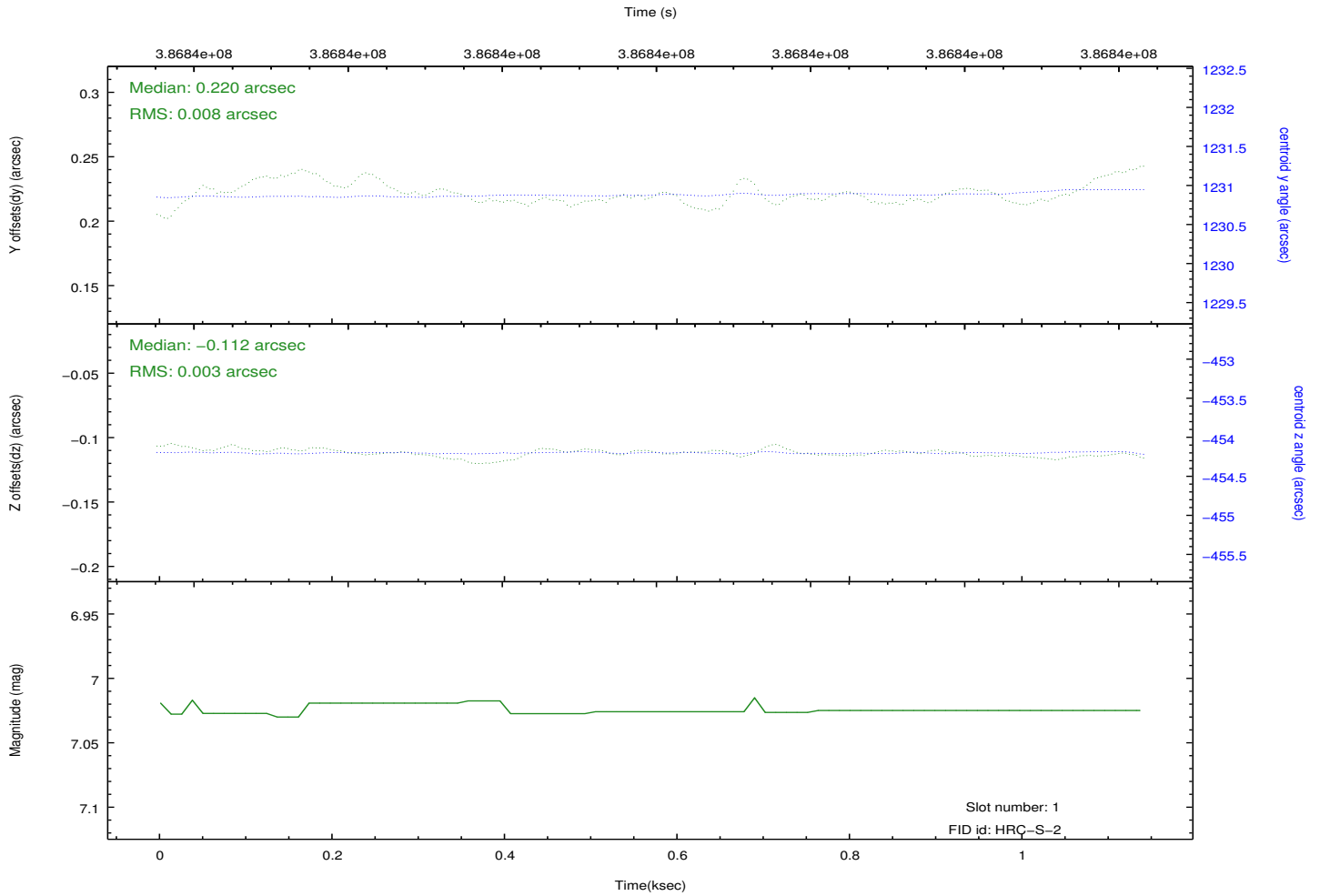
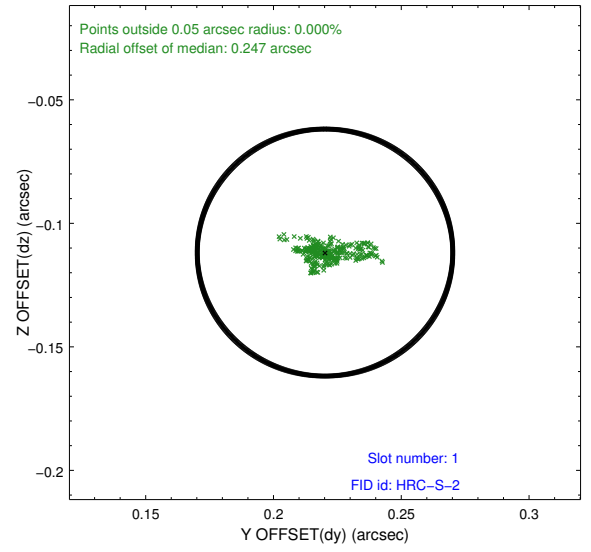
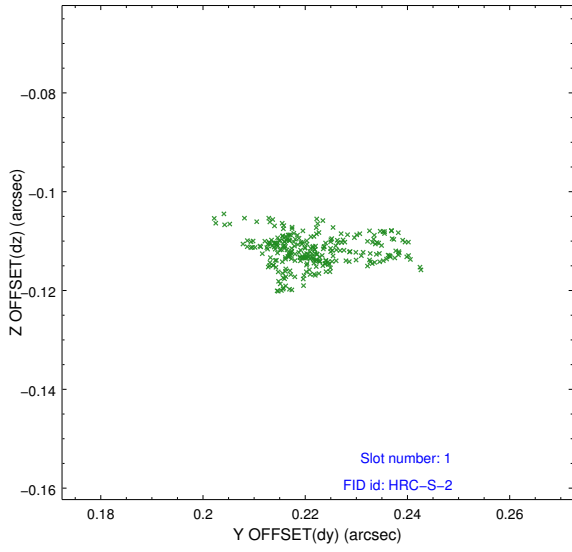


2.5 FID Slots

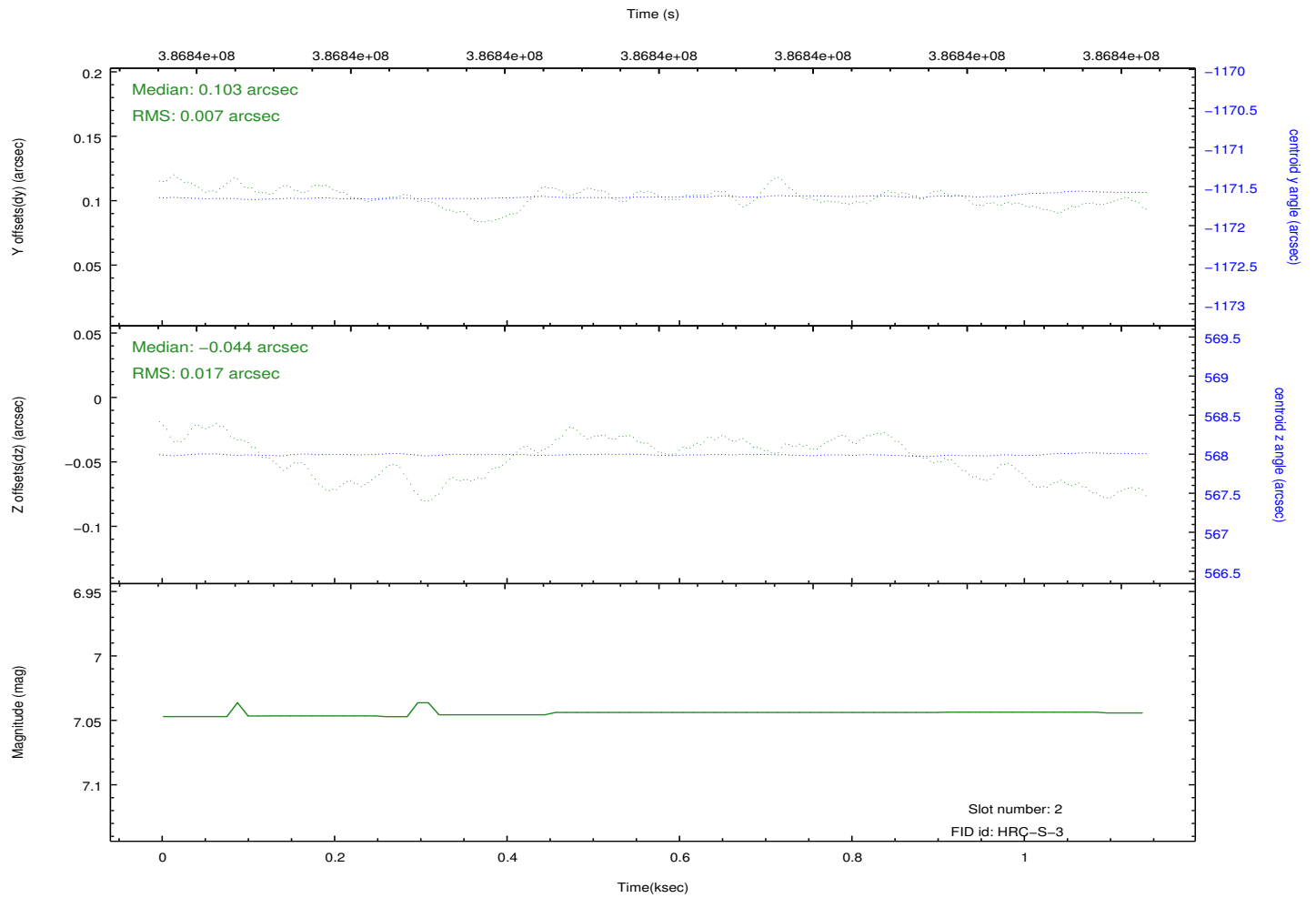
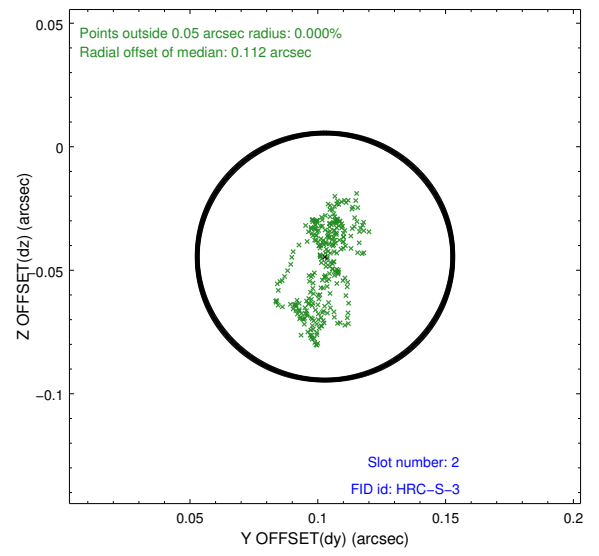
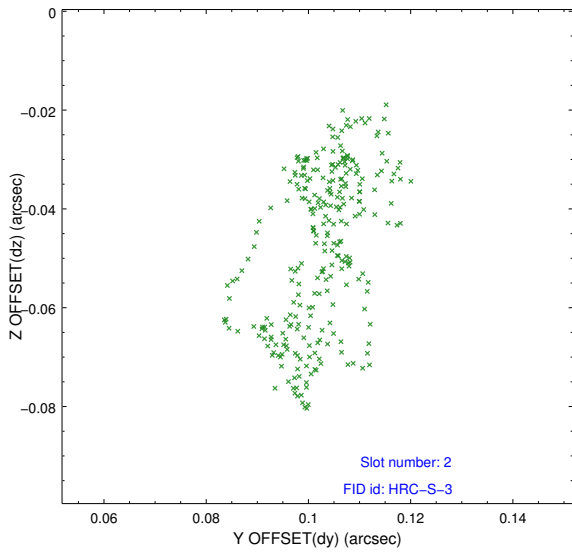
2.5.1 Slot 0



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)	2013.07.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1418500580192

A.2 Comments