

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9021 - L2 Version 4
Chandra X-Ray Center

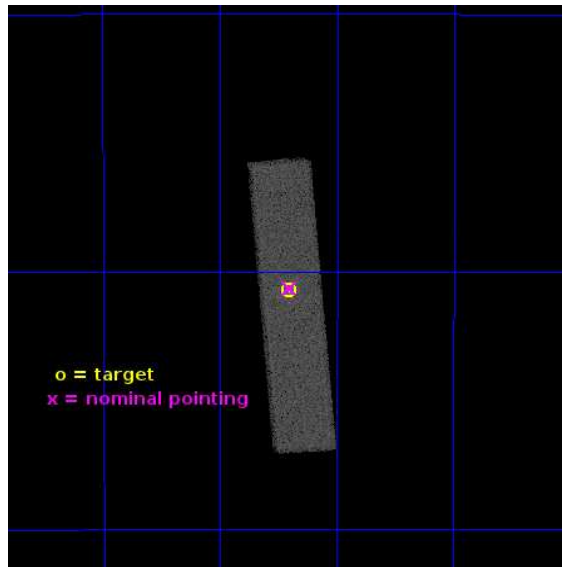
L2 Processing Date : Jun 29 2013

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1 Front

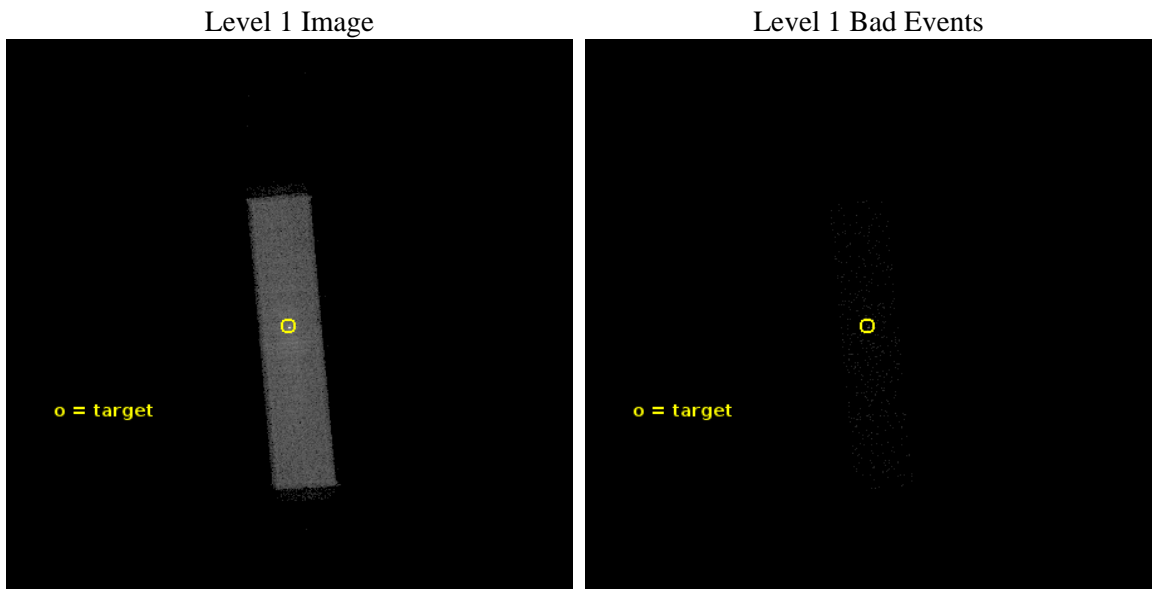
seq_num	400872	Sequence number
obs_id	9021	Observation id
title	Precise Localization of Neutron Star Soft X-ray Transients	Proposa
observer	Prof. Deepto Chakrabarty	Principal investigator
object	SAX J1750.8-2900	Source name
ra_targ	267.6025	Observer's specified target RA [deg]
dec_targ	-29.036667	Observer's specified target Dec [deg]
ra_nom	267.60176872024	Nominal RA [deg]
dec_nom	-29.032364382747	Nominal Dec [deg]
roll_nom	84.994653008659	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1190.2813079953	[s]
livetime	1183.7806169017	Ontime multiplied by DTCOR
l2events	70346	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	1190.2813079953	[s]
caldbver	4.5.7	 	l1events	112358	Number of level 1 events
date	2013-06-29T07:43:50	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

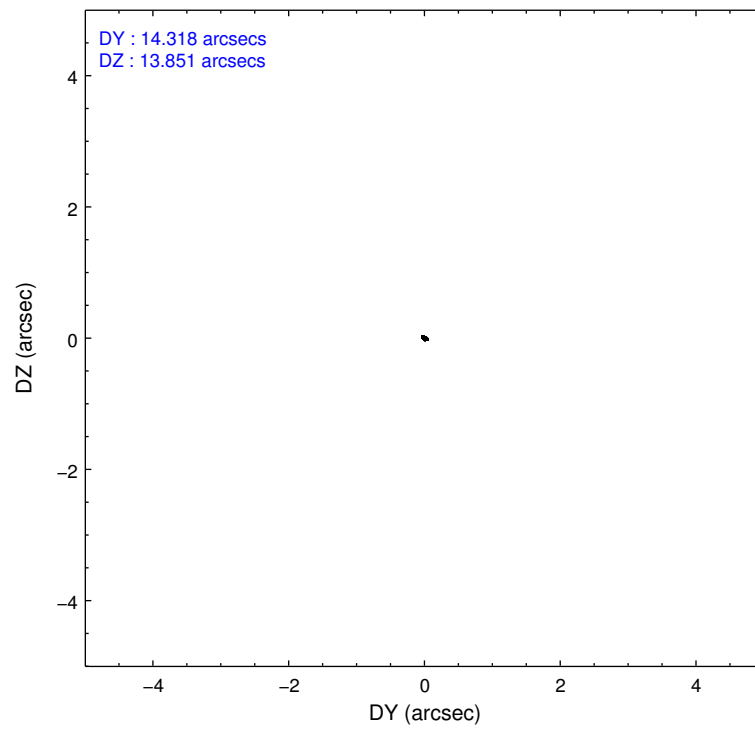
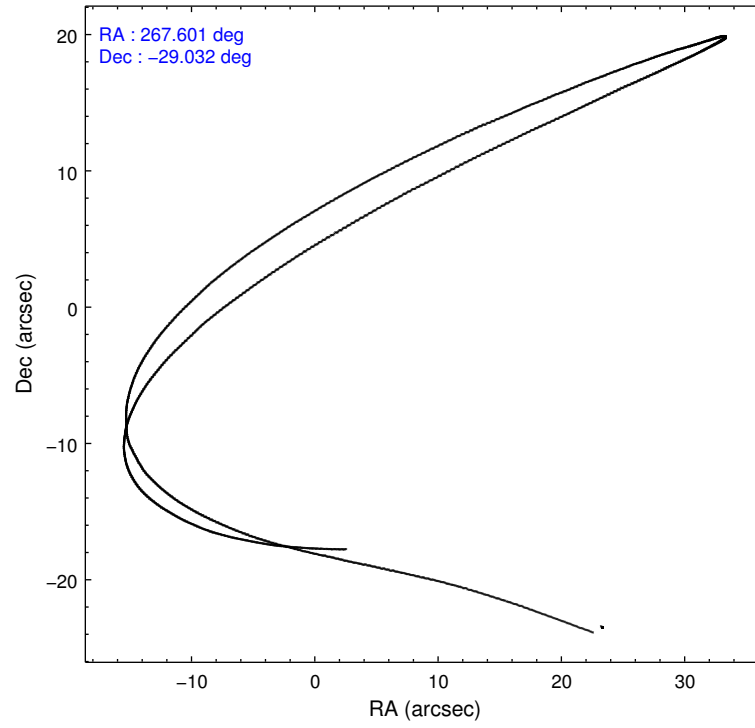
	segment 1	segment 2	segment 3
level 1 events	104	112246	8
rejected events	17	17449	8
rejected %	16%	15%	100%

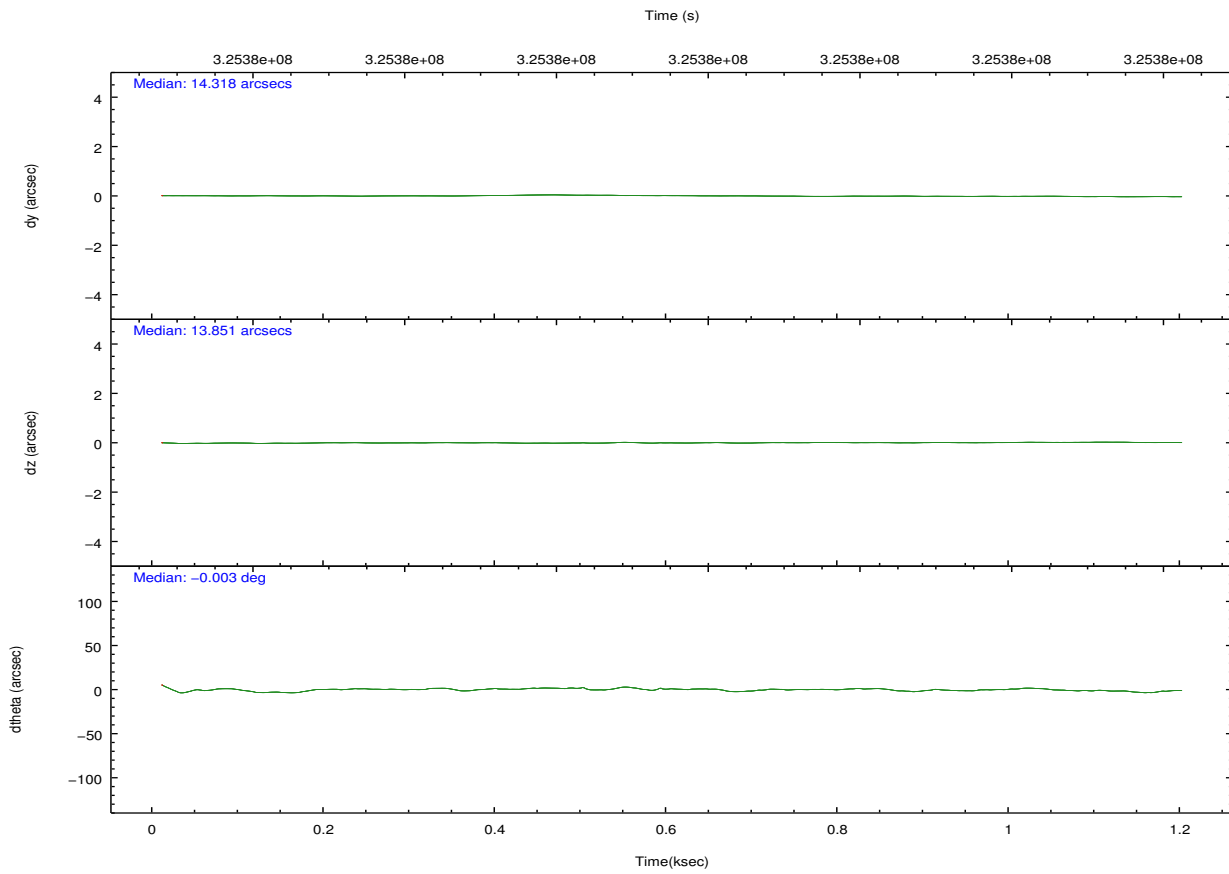
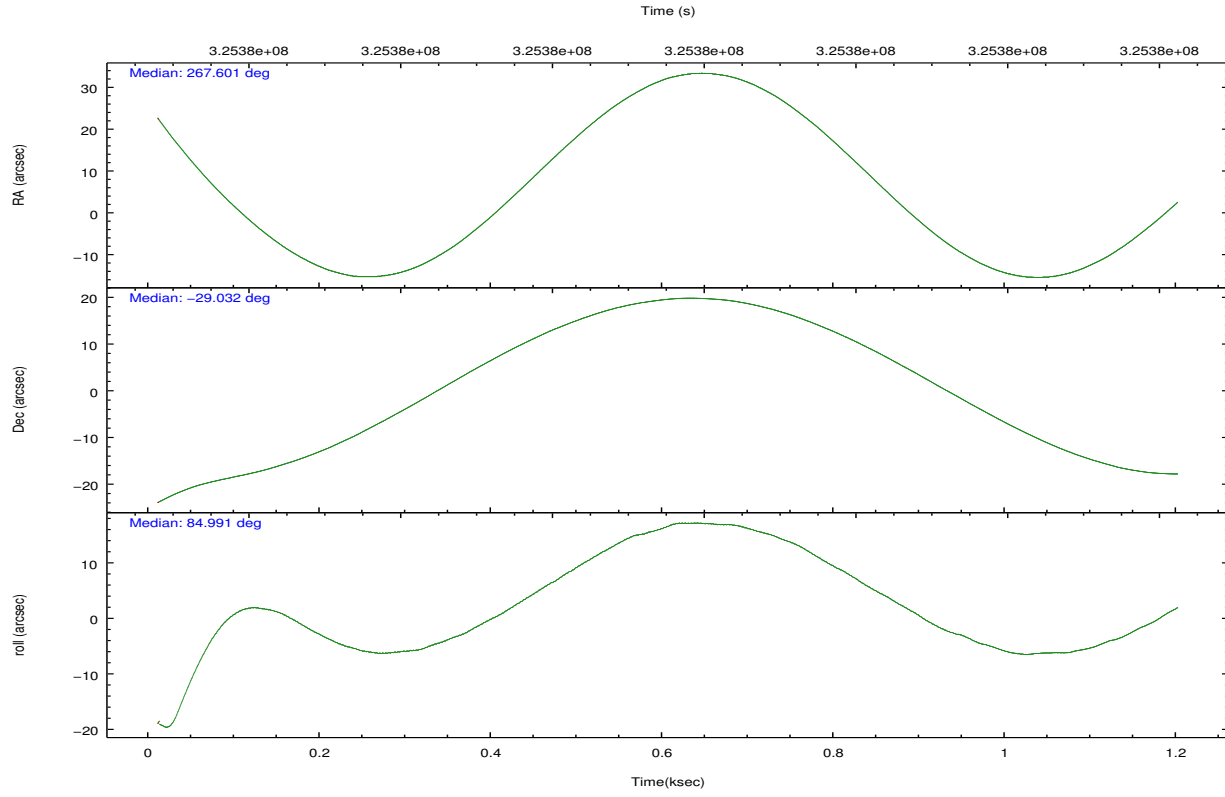
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	267.618396	267.6017687202427
[deg] Pointing Dec	-29.057301	-29.03236438274669
[deg] Pointing Roll	84.935725	84.99465300865877
[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)	325383947.184000	325383193.06886
Observation start date	2008-04-24T00:24:42	2008-04-24T00:13:13
[s] Observation end time (MET)	325384947.184000	325385886.25649
Observation end date	2008-04-24T00:41:22	2008-04-24T00:58:06

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



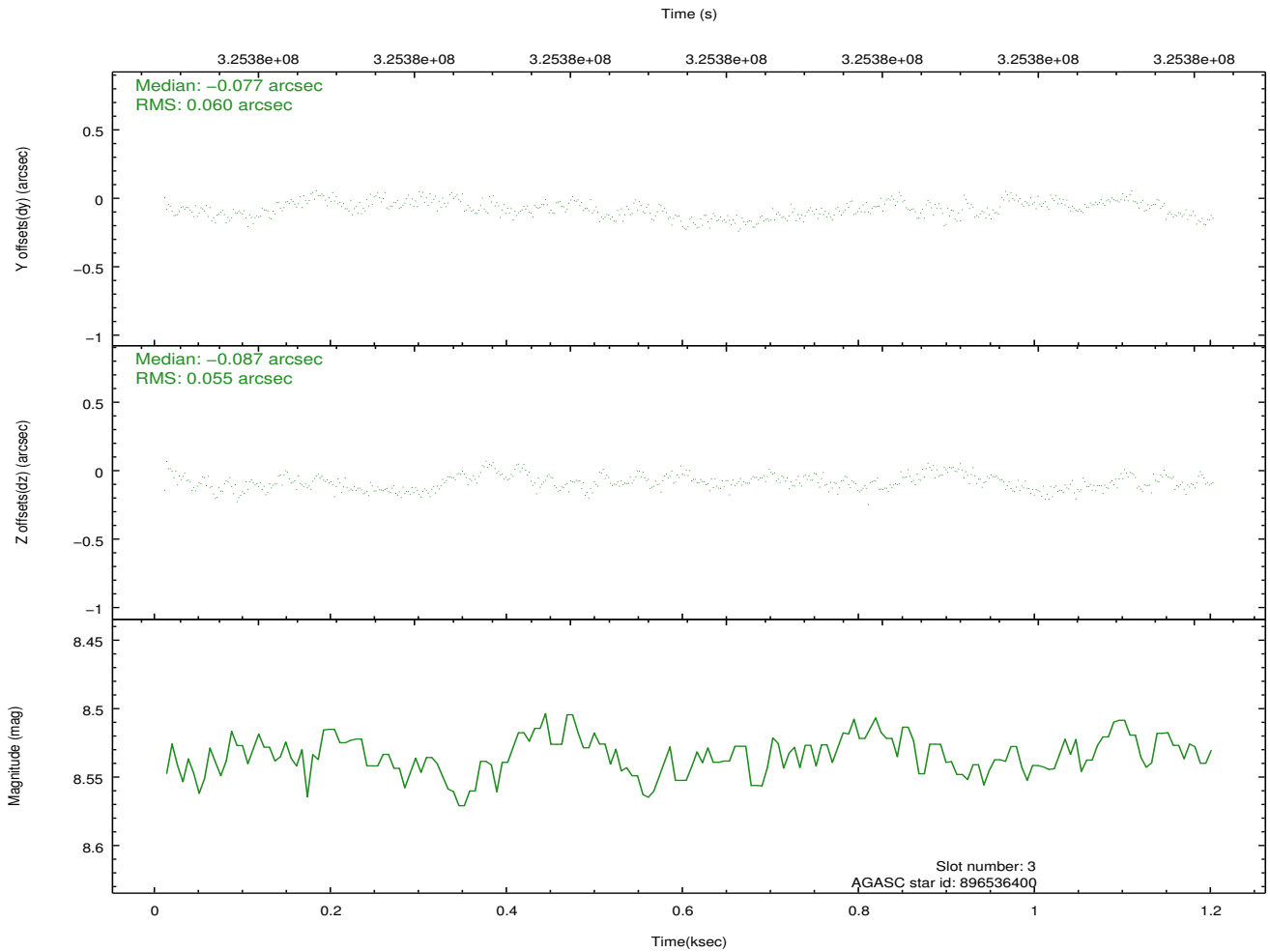
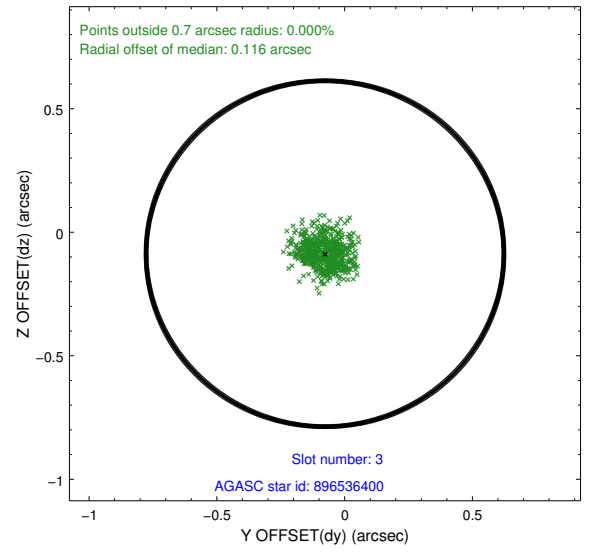
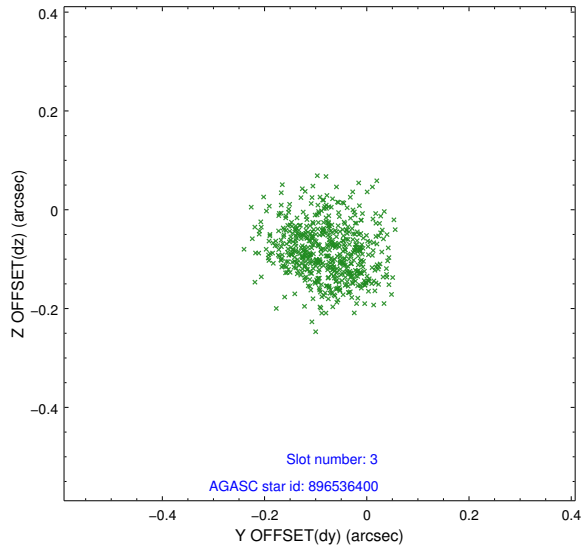


Slot Statistics

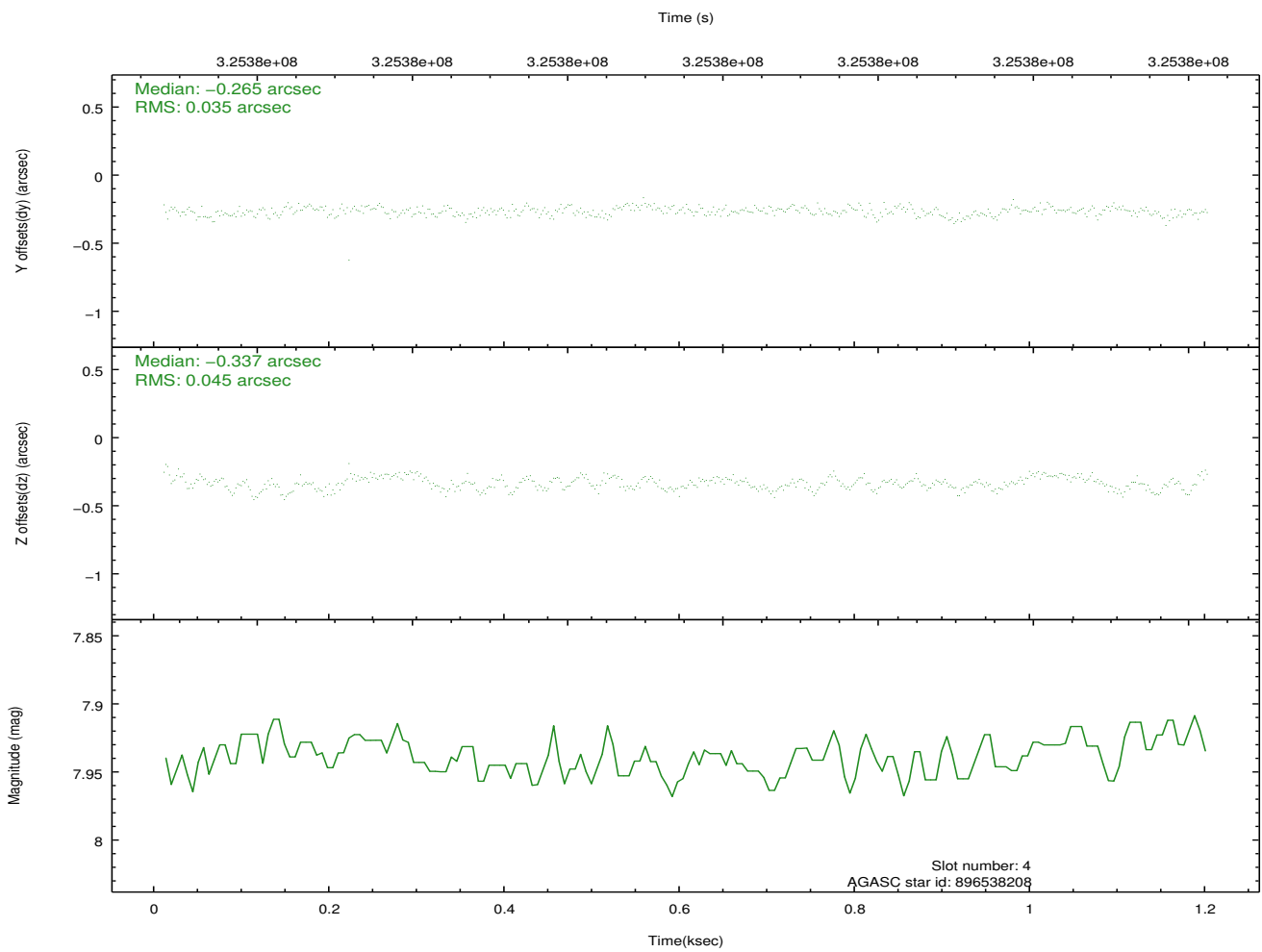
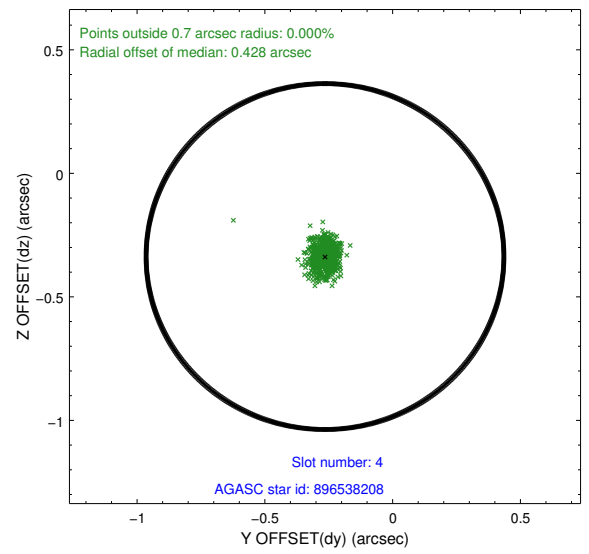
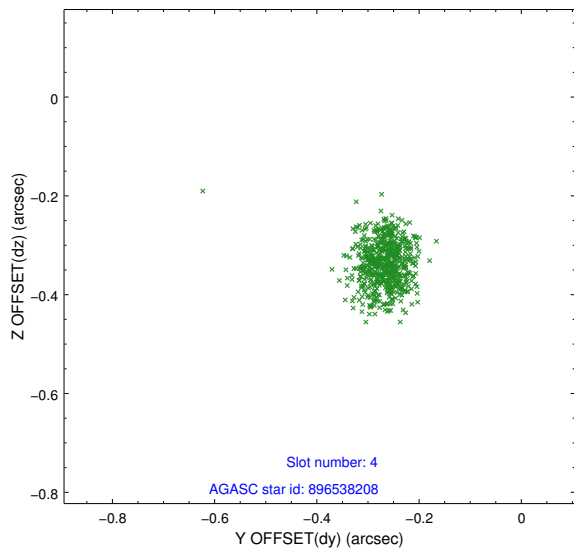
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	291	0.073	-0.195	0.008	0.013	0.000000	0.000000	-1168.70	-462.69
1	FID	HRC-S-3	7.00	291	0.104	-0.026	0.008	0.015	0.000000	0.000000	-1175.40	565.41
2	FID	HRC-S-4	6.95	291	0.210	-0.076	0.005	0.011	0.000000	0.000000	1225.64	571.43
3	GUIDE	896536400	8.53	582	-0.077	-0.087	0.088	0.139	267.359146	-29.438655	-1438.29	684.50
4	GUIDE	896538208	7.94	582	-0.265	-0.337	0.059	0.094	267.176969	-28.671626	1256.52	1508.44
5	GUIDE	898243552	8.73	582	0.271	0.224	0.085	0.132	267.970066	-28.622317	1660.79	-969.66
6	GUIDE	898250872	7.01	582	-0.082	0.385	0.046	0.071	268.026303	-29.632040	-1945.69	-1459.44
7	GUIDE	896539920	8.82	581	0.158	-0.183	0.078	0.125	266.848347	-29.638887	-2307.58	2208.12

2.4 Star Slots

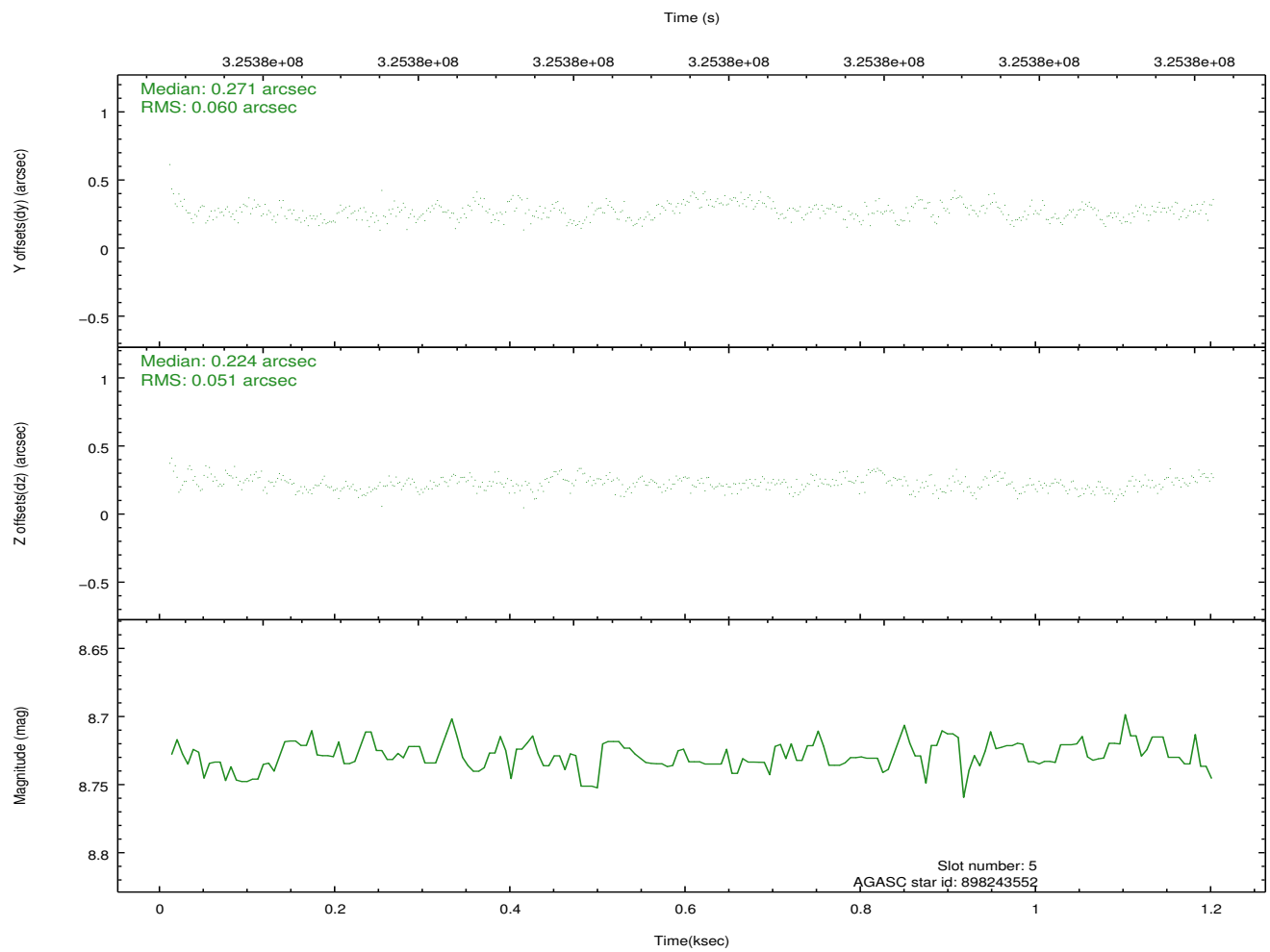
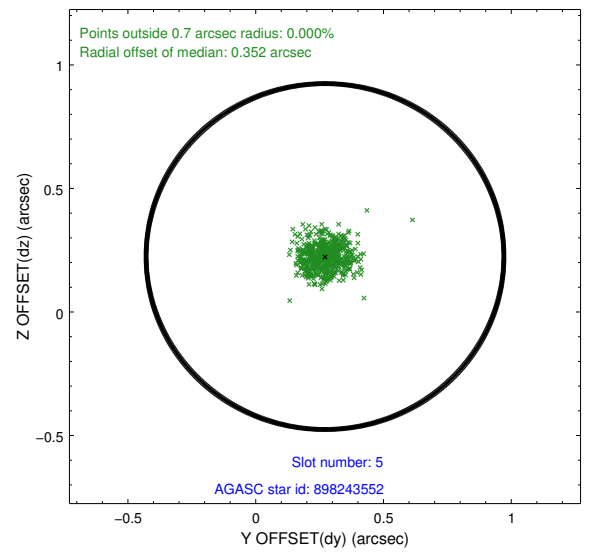
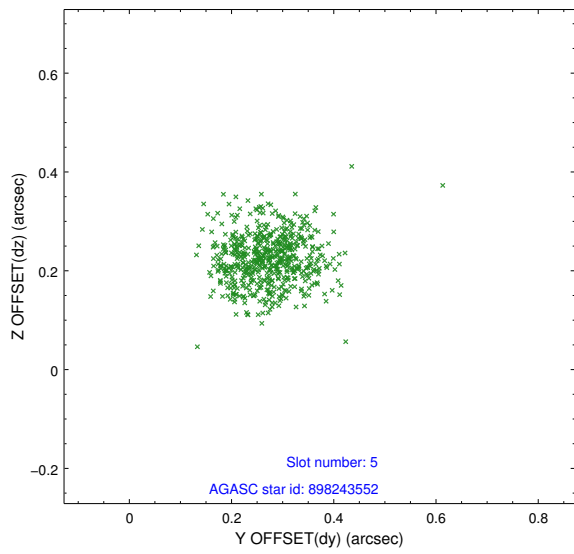
2.4.1 Slot 3



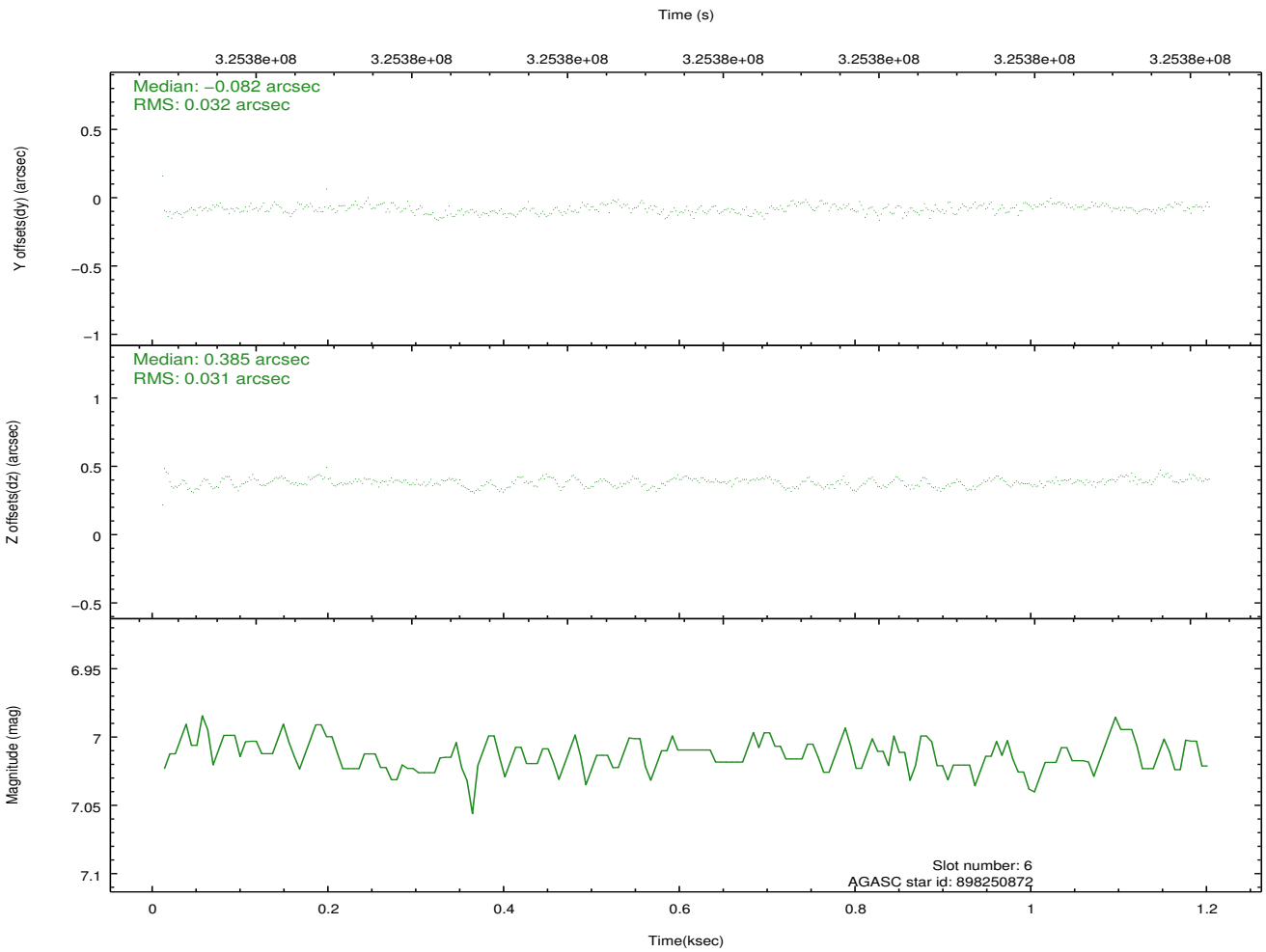
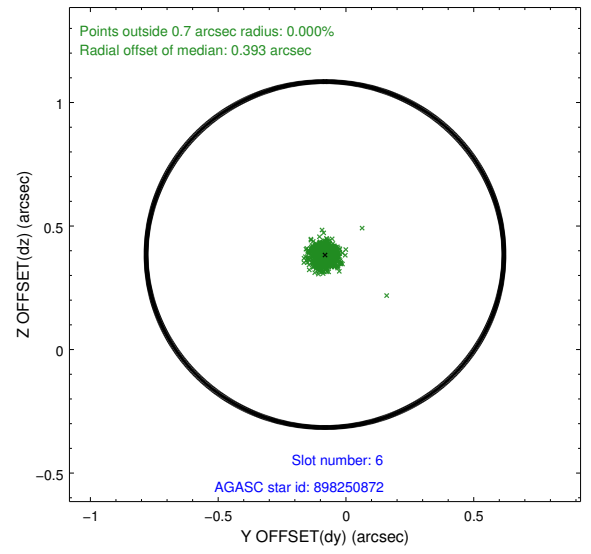
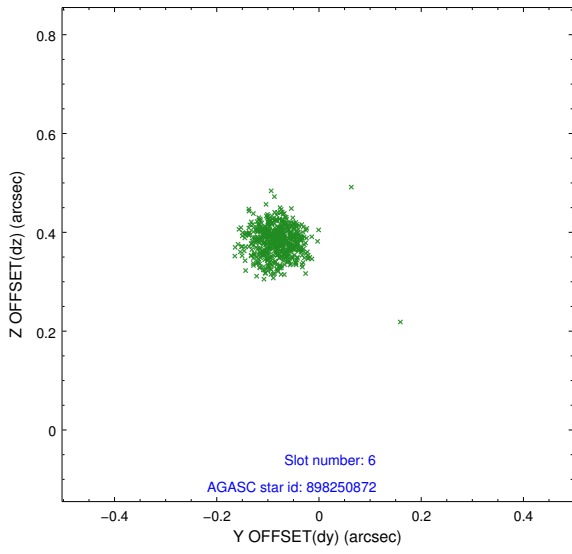
2.4.2 Slot 4



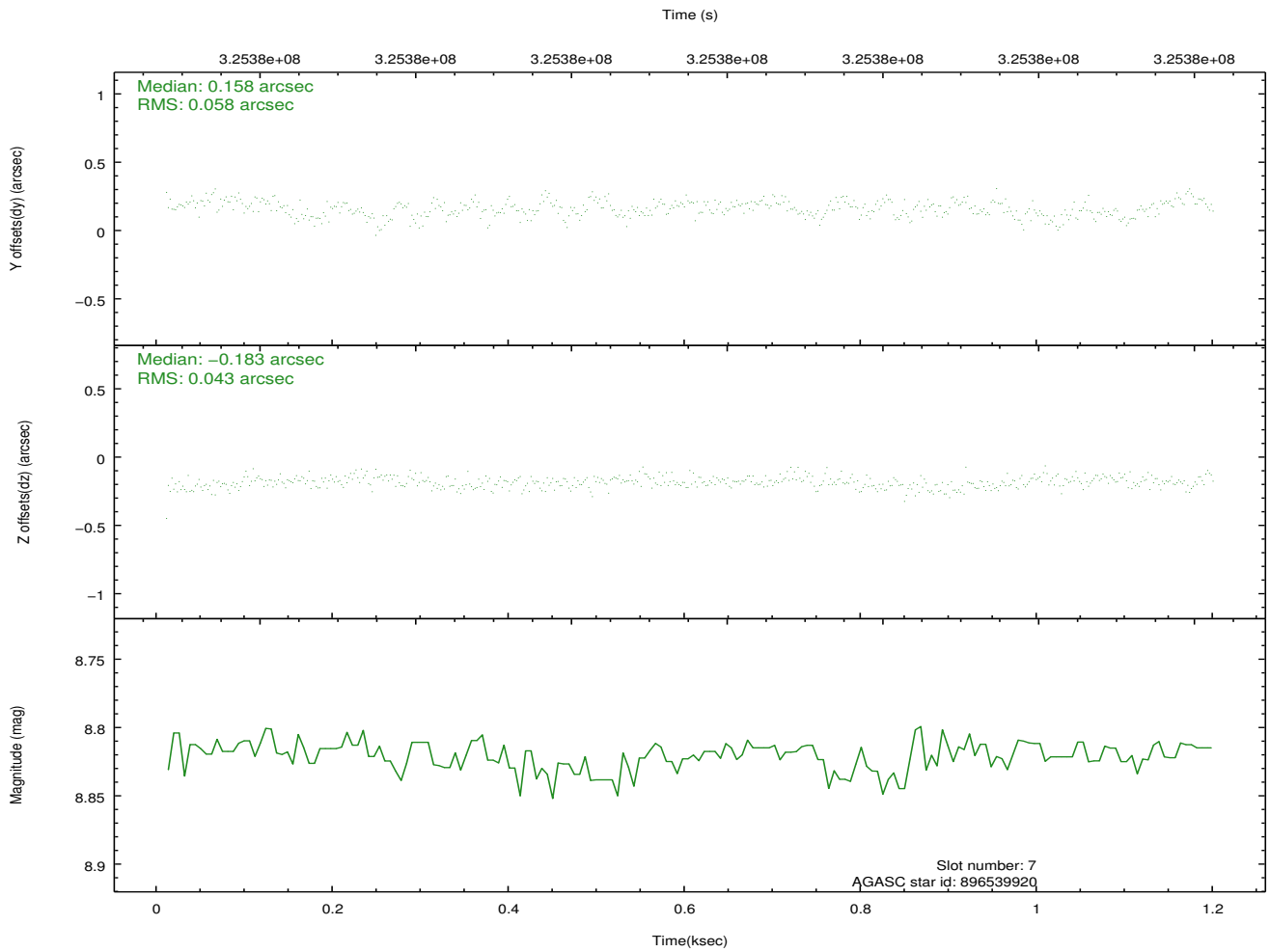
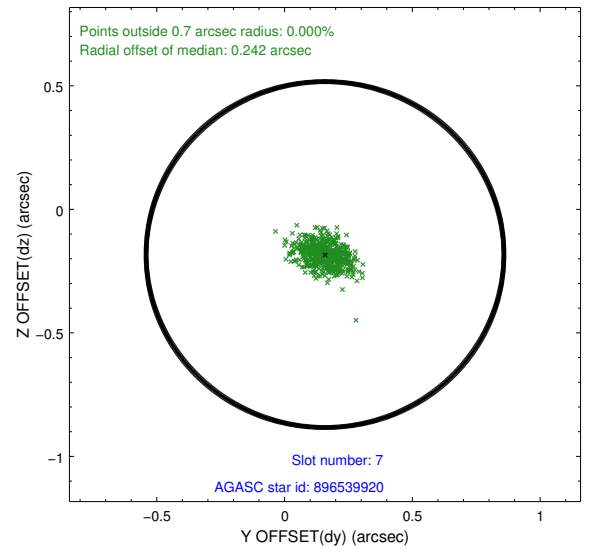
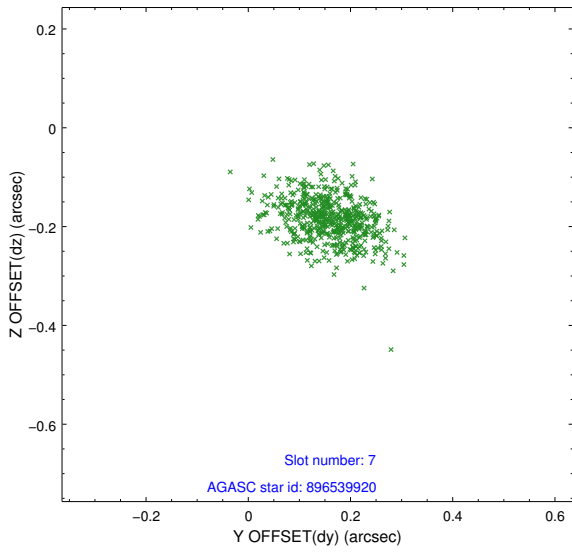
2.4.3 Slot 5



2.4.4 Slot 6

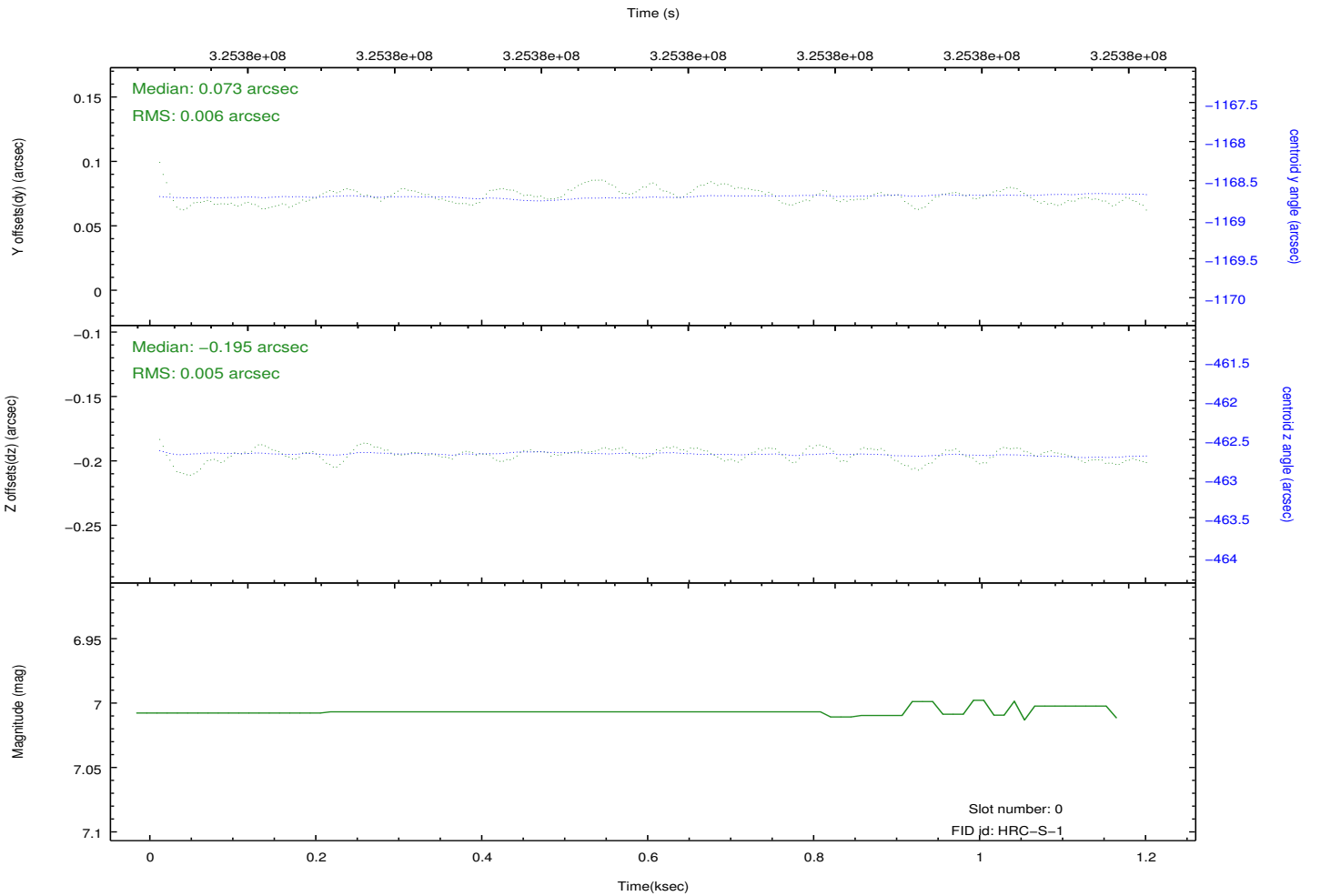
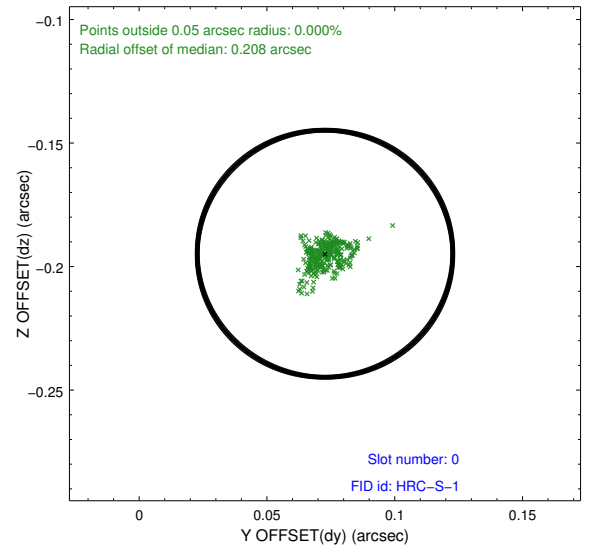
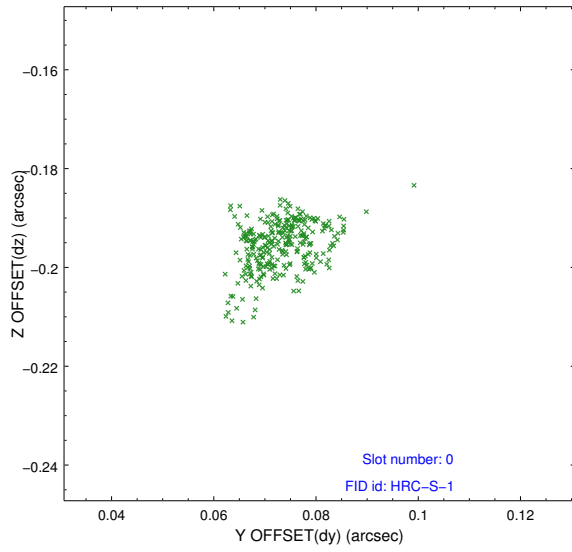


2.4.5 Slot 7

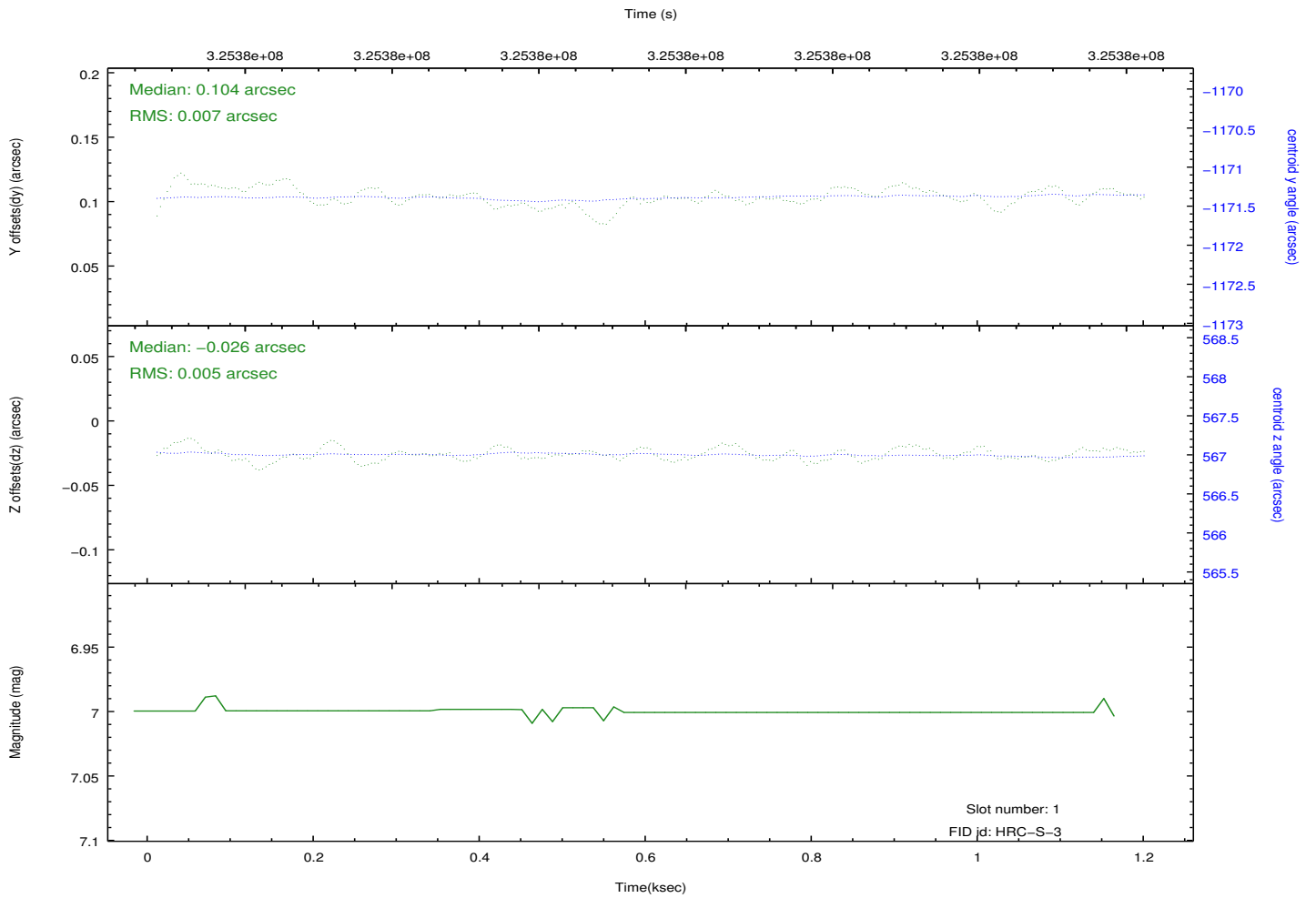
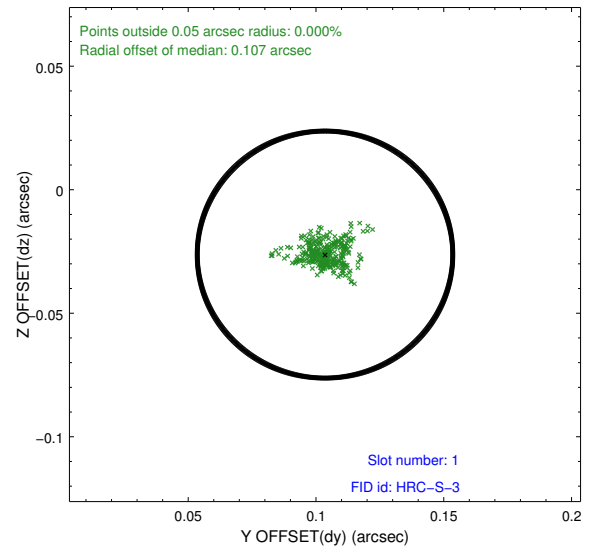
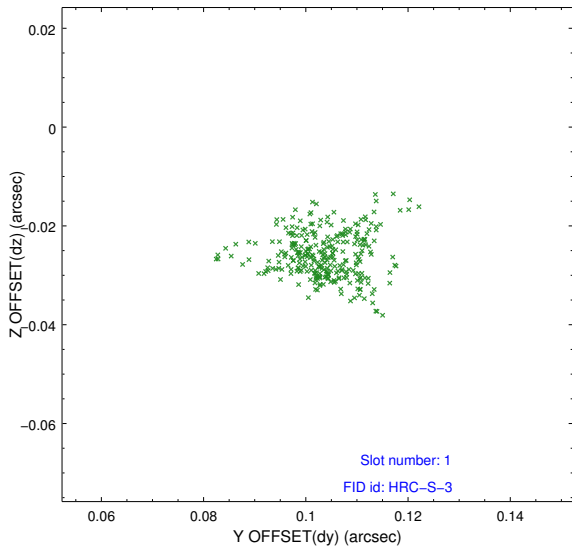


2.5 FID Slots

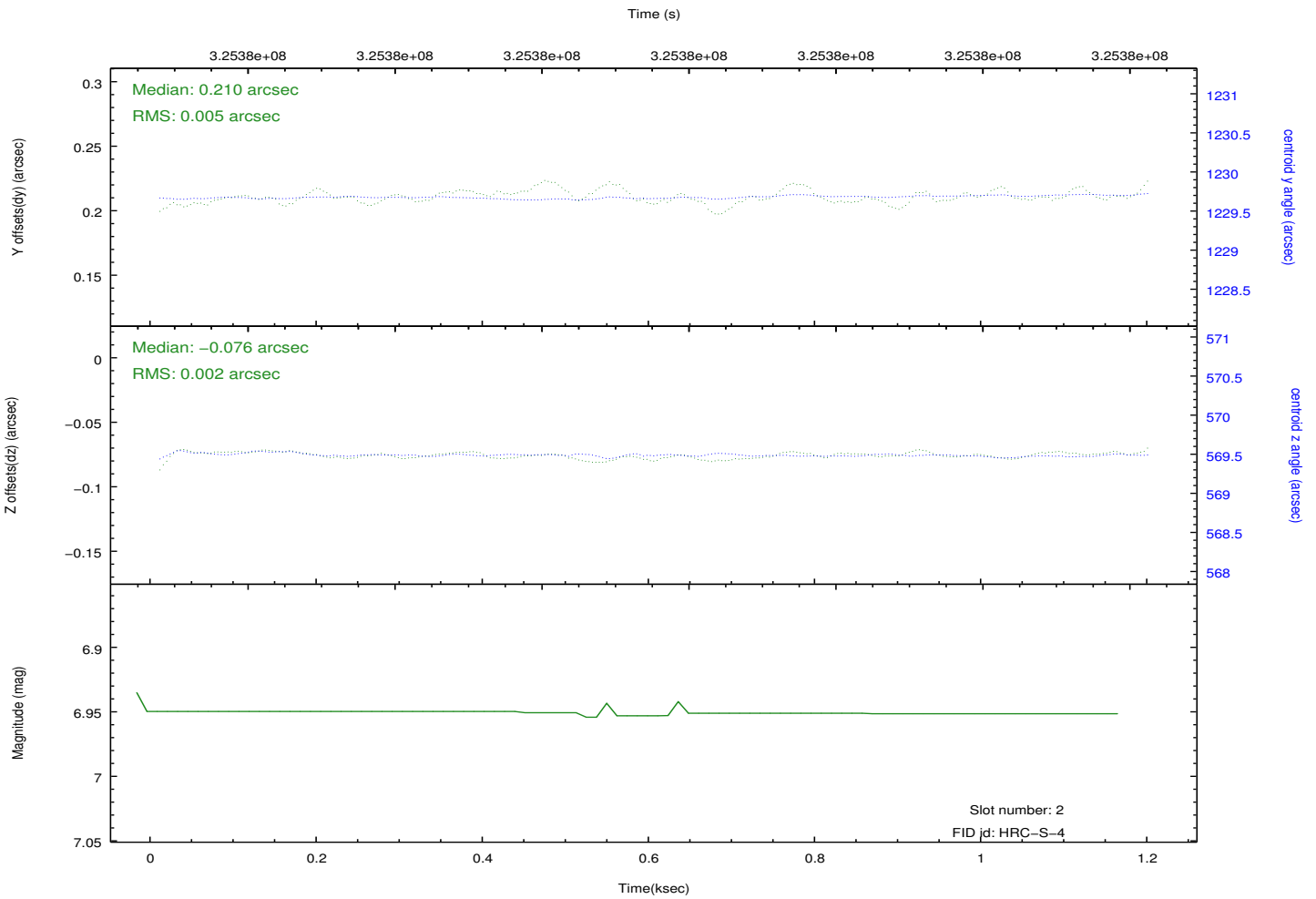
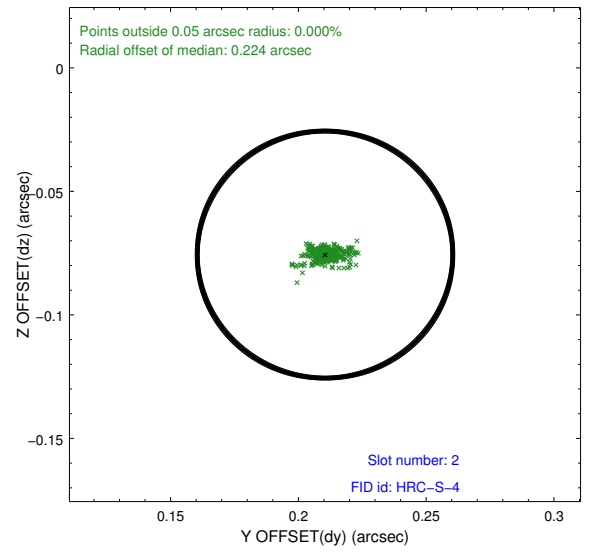
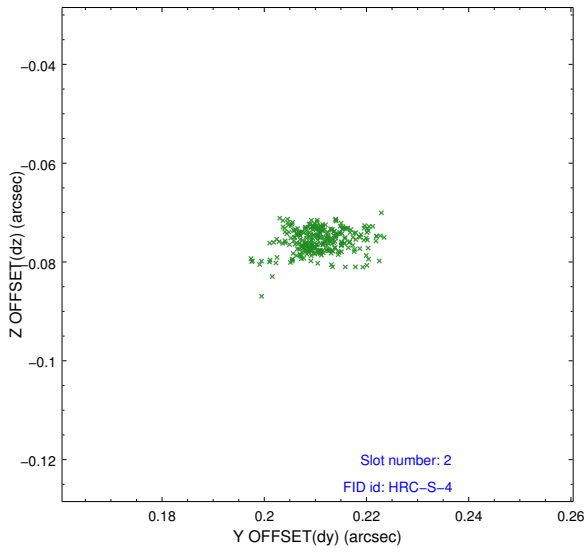
2.5.1 Slot 0



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	1.1902813

A.2 Comments