

# V&V Reference Report

## L2 ASCDS Version : 8.4.3.1

Observation 6623 - L2 Version 3  
Chandra X-Ray Center

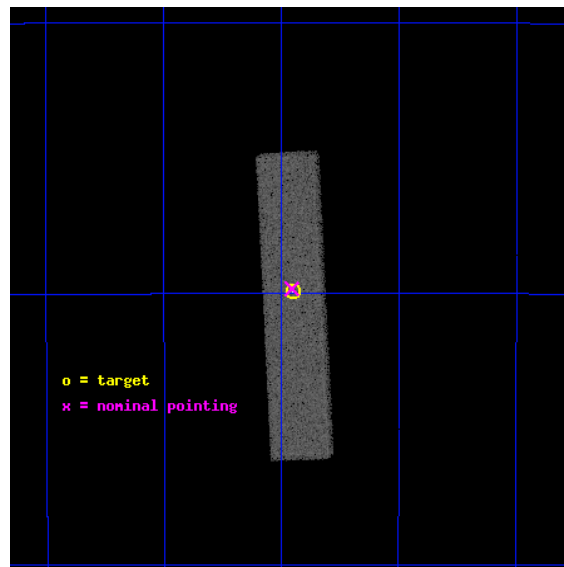
L2 Processing Date : Aug 11 2012

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# 1 Front

seq_num	400528	Sequence number
obs_id	6623	Observation id
title	Precise Localization of Neutron Star Soft X-Ray Transients	Proposa
observer	Prof. Deepto Chakrabarty	Principal investigator
object	XTE J1739-285	Source name
ra_targ	264.9758	Observer's specified target RA [deg]
dec_targ	-28.4955	Observer's specified target Dec [deg]
ra_nom	264.97753473936	Nominal RA [deg]
dec_nom	-28.491183135787	Nominal Dec [deg]
roll_nom	87.090983624493	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1161.5813040733	[s]
livetime	1156.223657045	Ontime multiplied by DTCOR
l2events	55434	Number of level 2 events

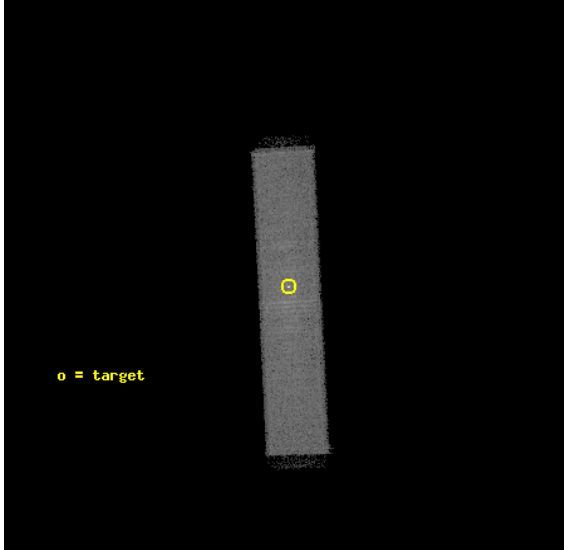


## 2 OBI

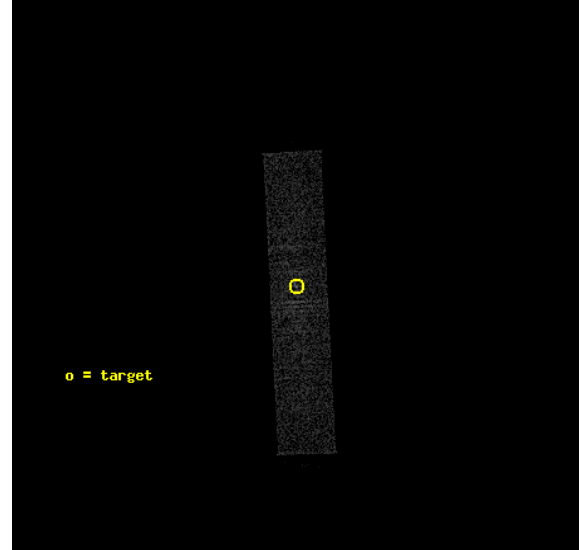
### 2.1 OBI

#### 2.1.1 Images

Level 1 Image



Level 1 Bad Events



### 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	1161.5813040733	[s]
caldbver	4.5.1.1	&#160	l1events	157353	Number of level 1 events
date	2012-08-11T05:43:52	Date and time of file creation			
revision	3	Processing version of data			

### 2.1.3 Events

Level 1 Events

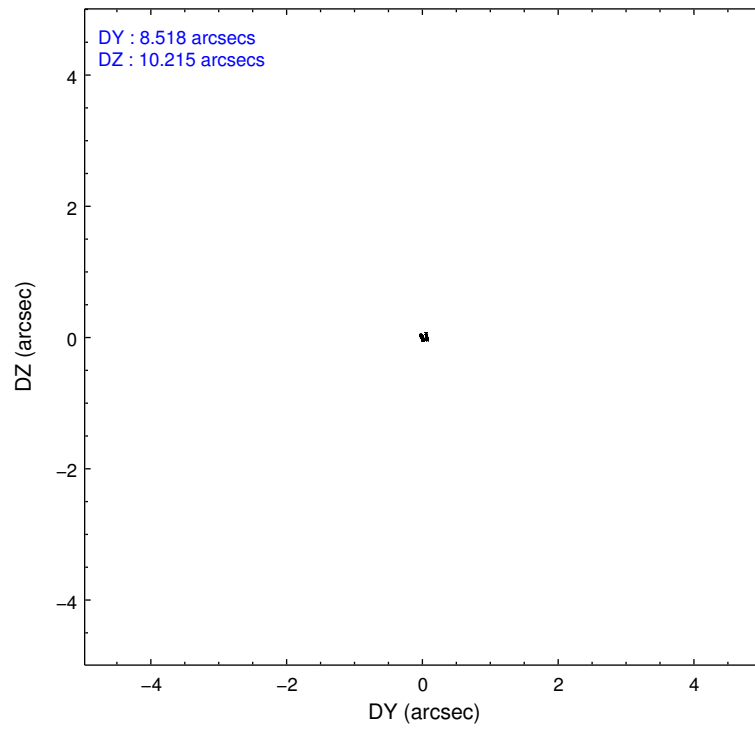
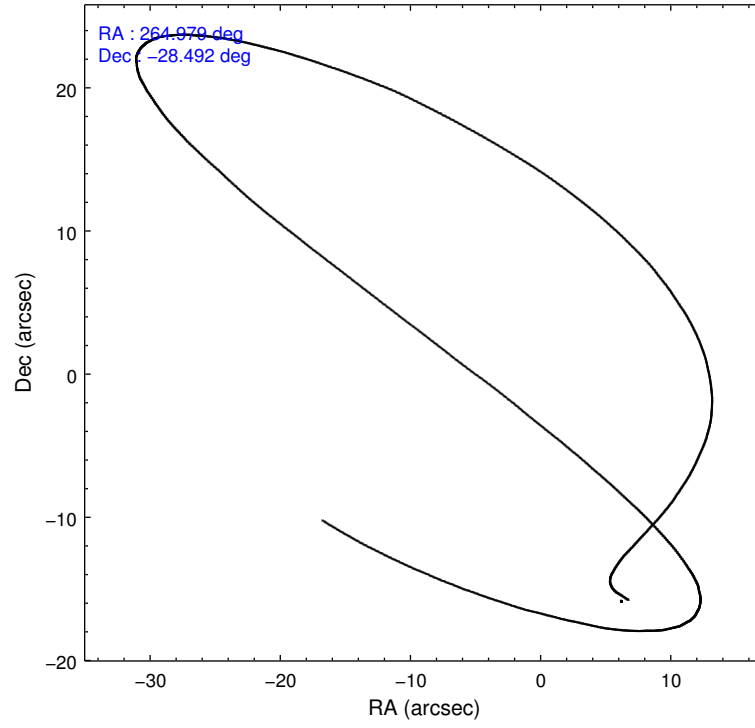
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	206	157146	1
rejected events	102	79066	0
rejected %	49%	50%	0%

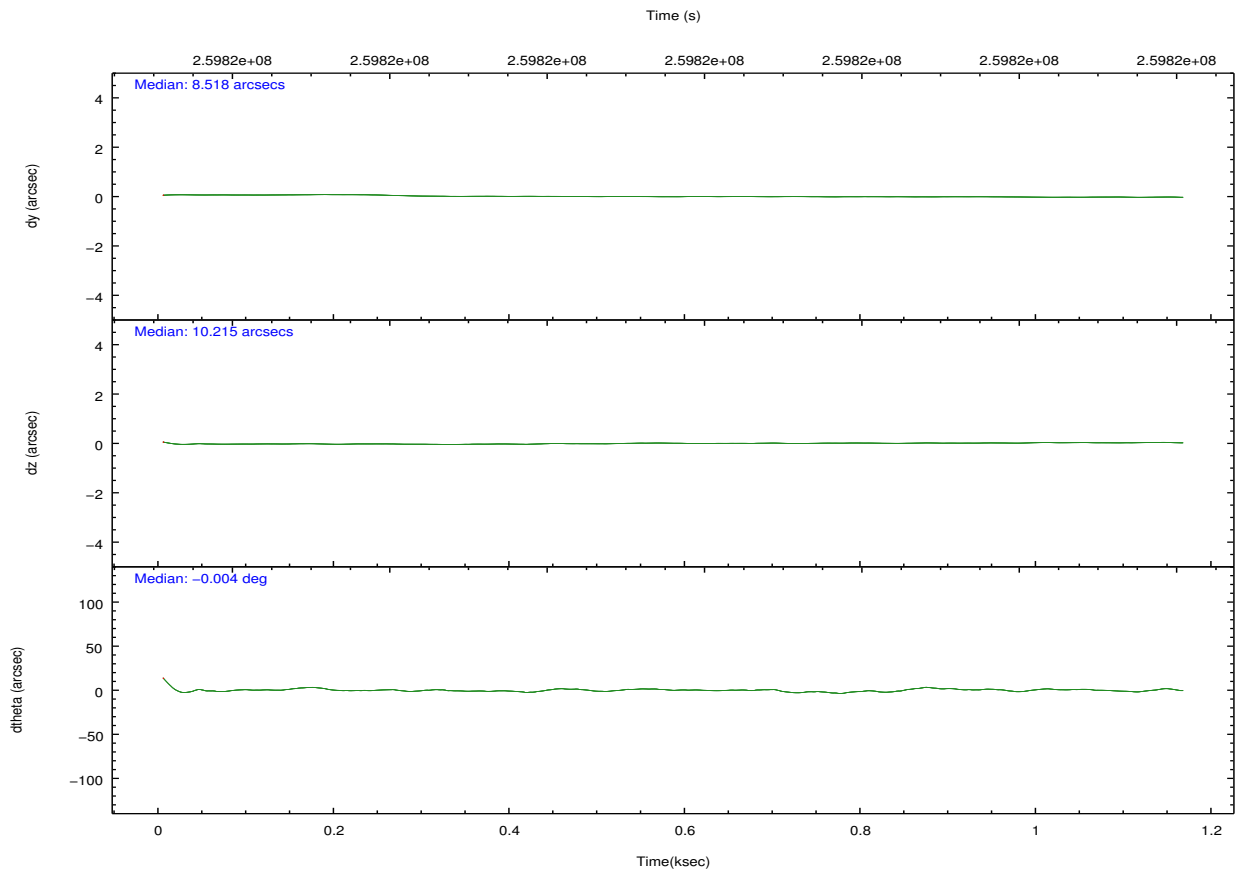
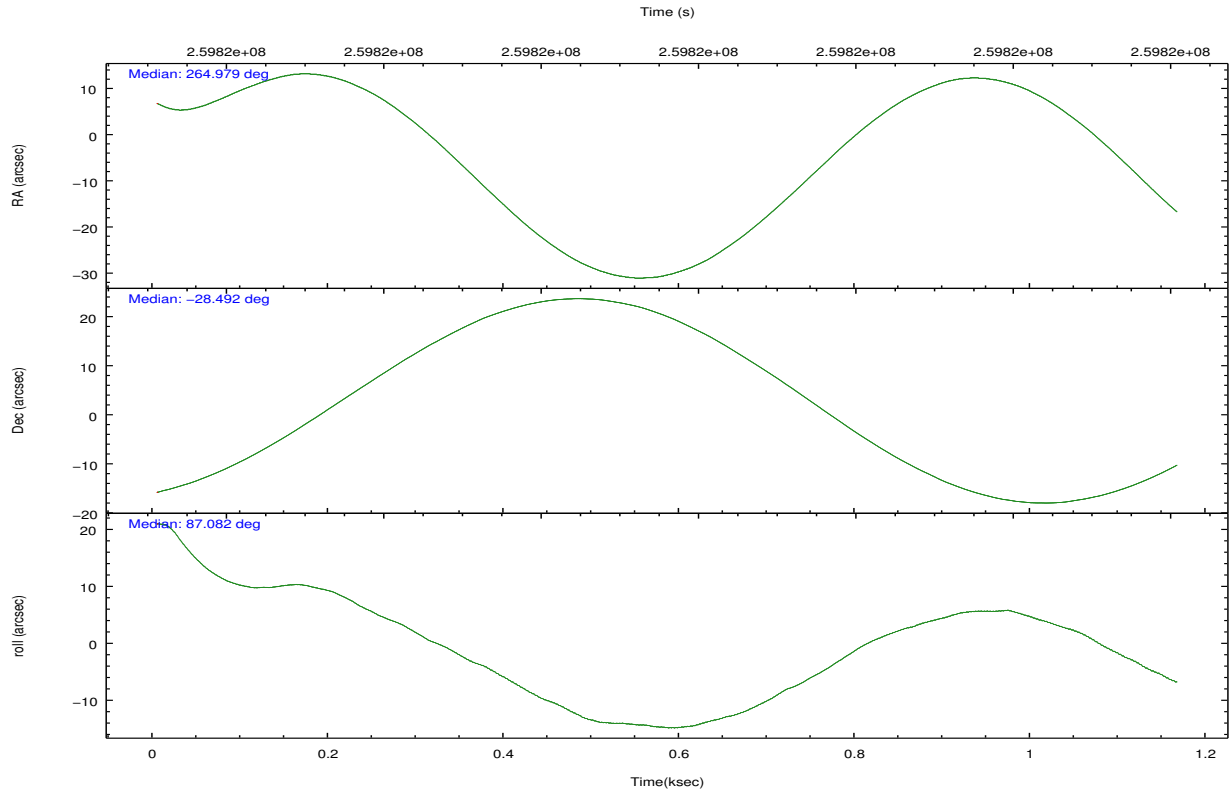
## 2.2 Compared Parameters

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	264.992462	264.9775347393644
[deg] Pointing Dec	-28.515619	-28.4911831357866
[deg] Pointing Roll	87.030593	87.09098362449311
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	259815945.184000	259815039.25742
Observation start date	2006-03-27T03:04:40	2006-03-27T02:50:39
[s] Observation end time (MET)	259816945.184000	259817388.04503
Observation end date	2006-03-27T03:21:20	2006-03-27T03:29:48

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

## 2.3 Aspect





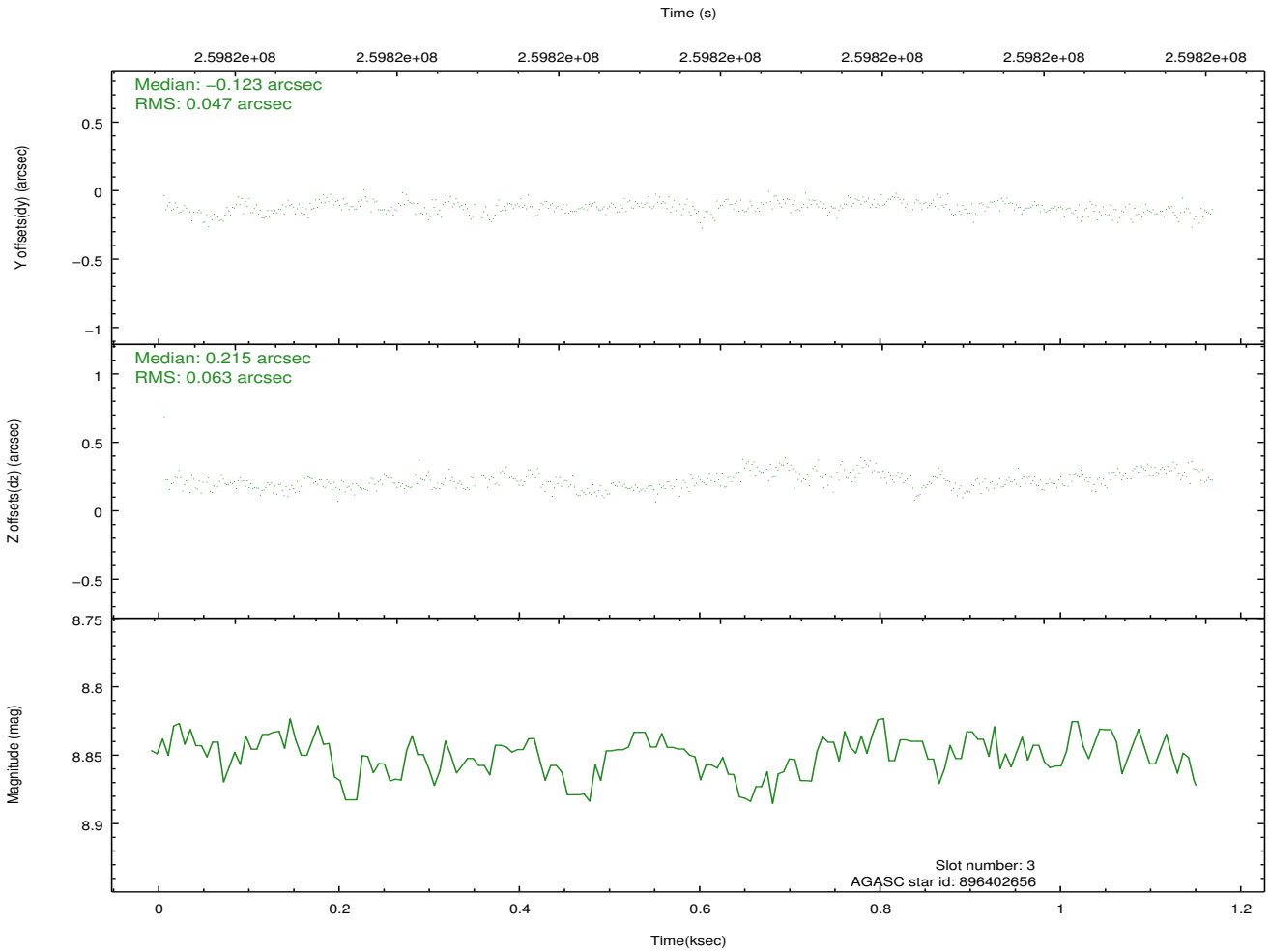
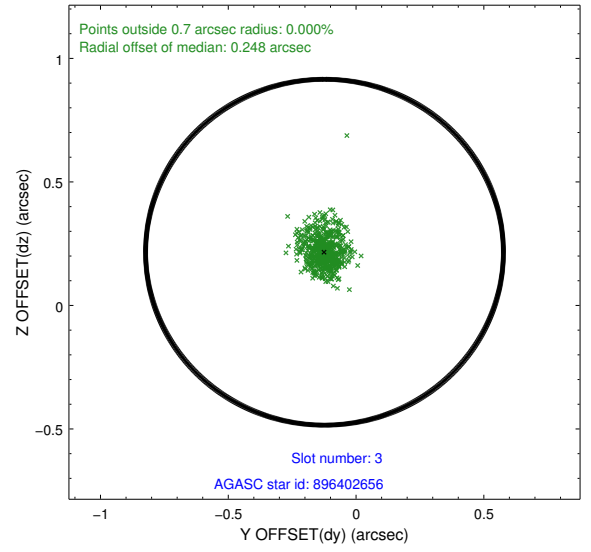
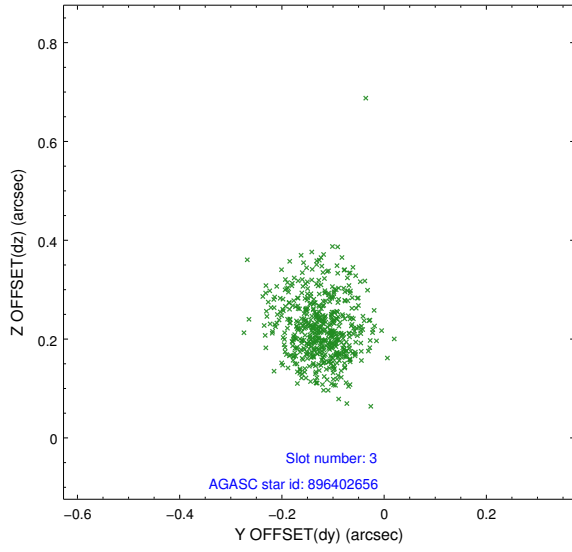
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.00	284	0.102	-0.211	0.010	0.016	0.000000	0.000000	-1162.73	-458.90
1	FID	HRC-S-3	7.01	284	0.061	0.001	0.011	0.017	0.000000	0.000000	-1169.59	569.21
2	FID	HRC-S-4	6.97	284	0.225	-0.088	0.007	0.011	0.000000	0.000000	1231.51	575.31
3	GUIDE	896402656	8.85	565	-0.123	0.215	0.081	0.133	265.739192	-28.230753	1141.12	-2307.79
4	GUIDE	896402976	7.48	568	0.209	0.014	0.070	0.108	265.099474	-28.923203	-1444.46	-412.67
5	GUIDE	896404568	7.86	568	0.019	0.278	0.057	0.095	265.687293	-28.431080	410.61	-2177.33
6	GUIDE	896405048	8.29	568	-0.098	-0.253	0.069	0.115	264.482575	-28.152230	1220.86	1684.34
7	GUIDE	896406568	8.25	567	-0.005	-0.266	0.083	0.137	264.435951	-28.437282	189.43	1780.84

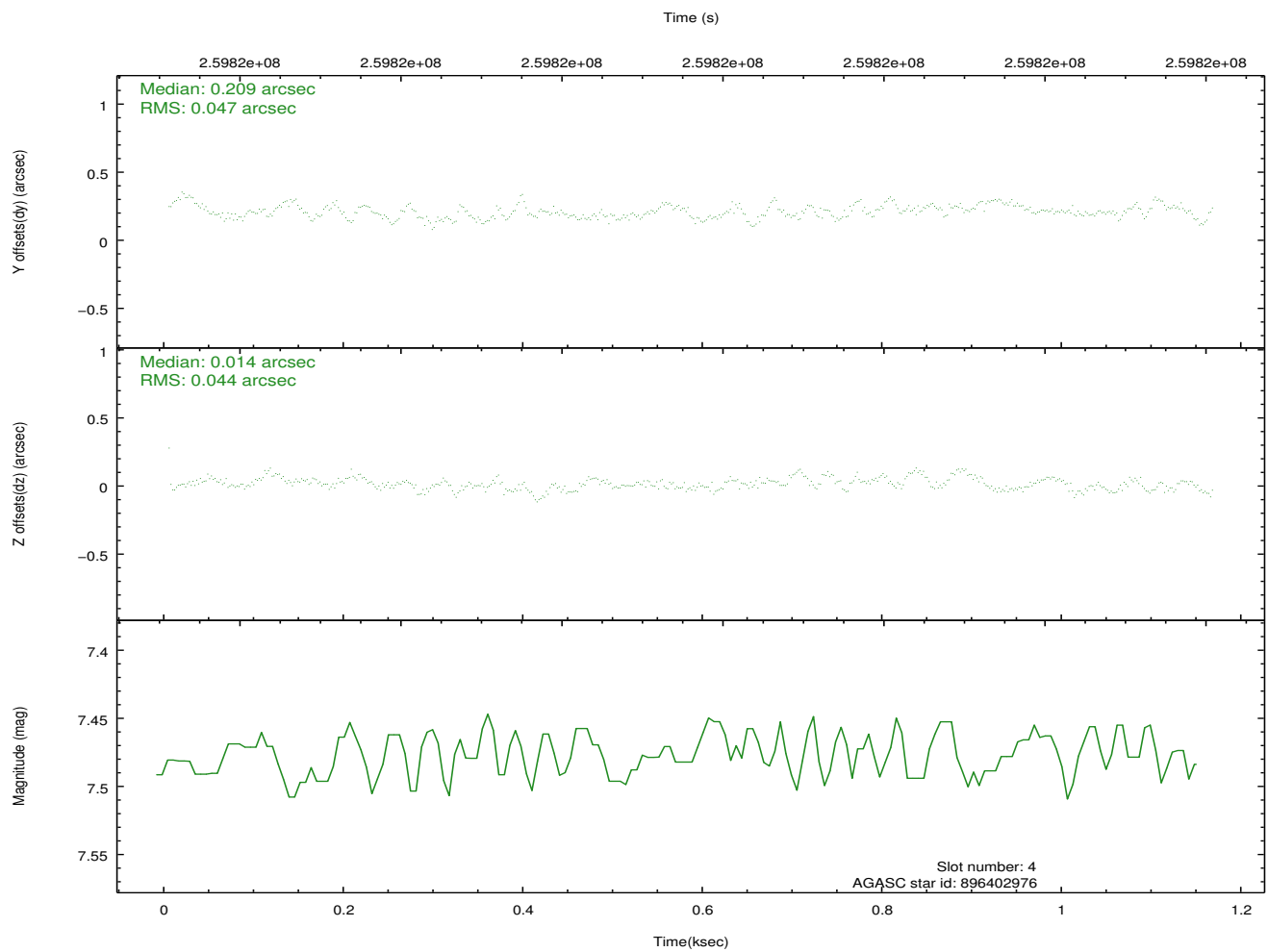
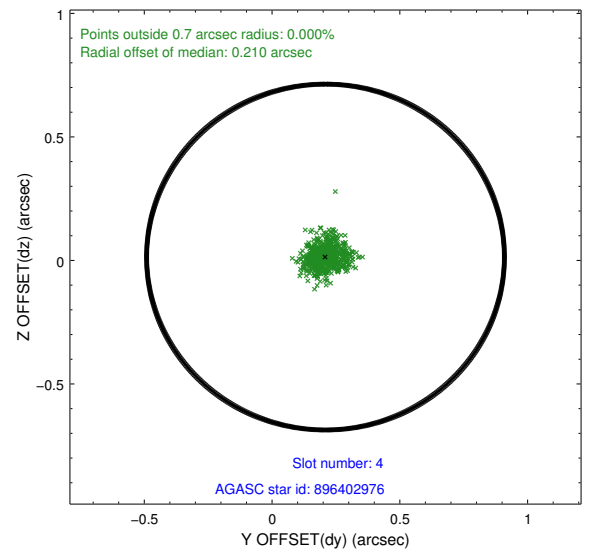
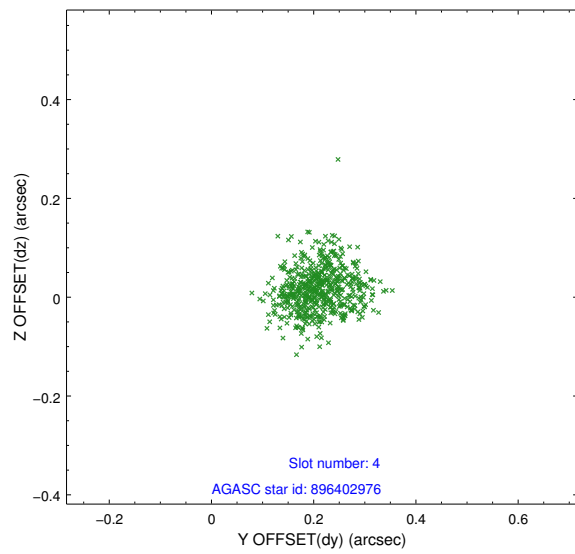
∞

## 2.4 Star Slots

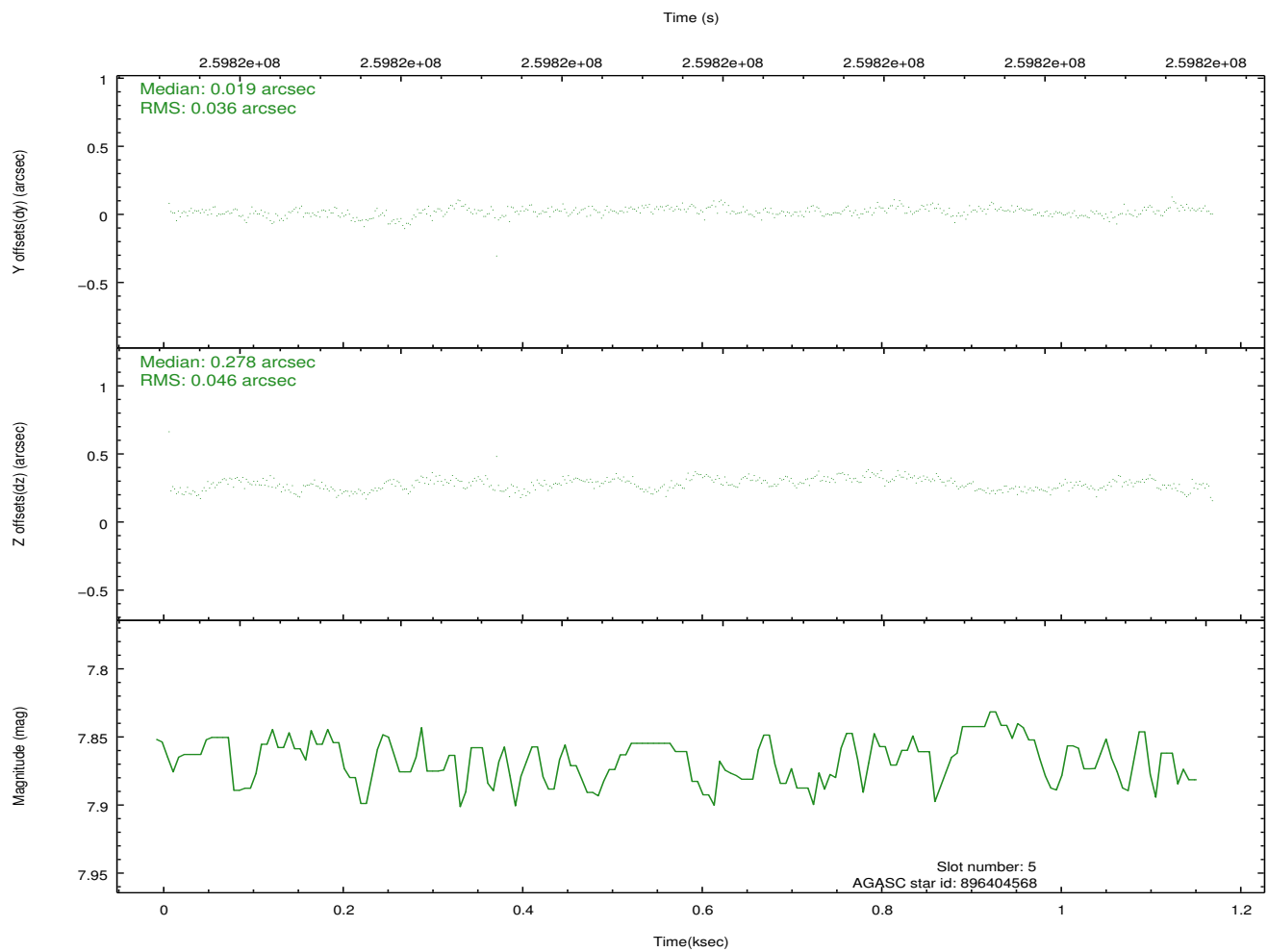
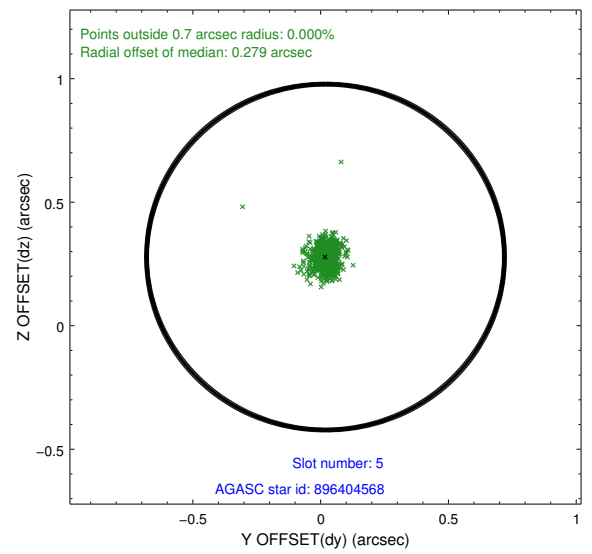
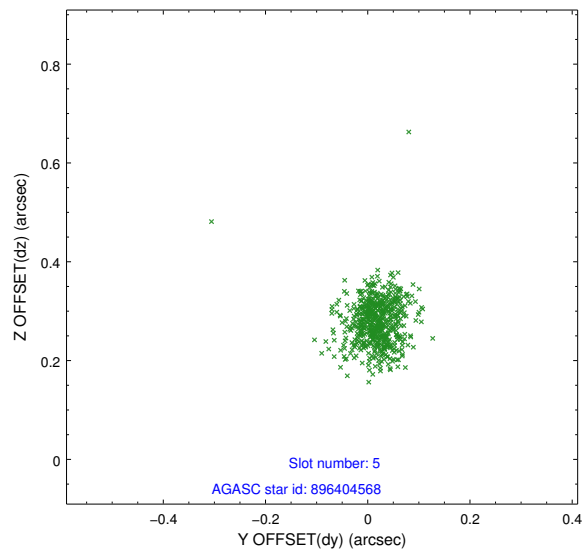
### 2.4.1 Slot 3



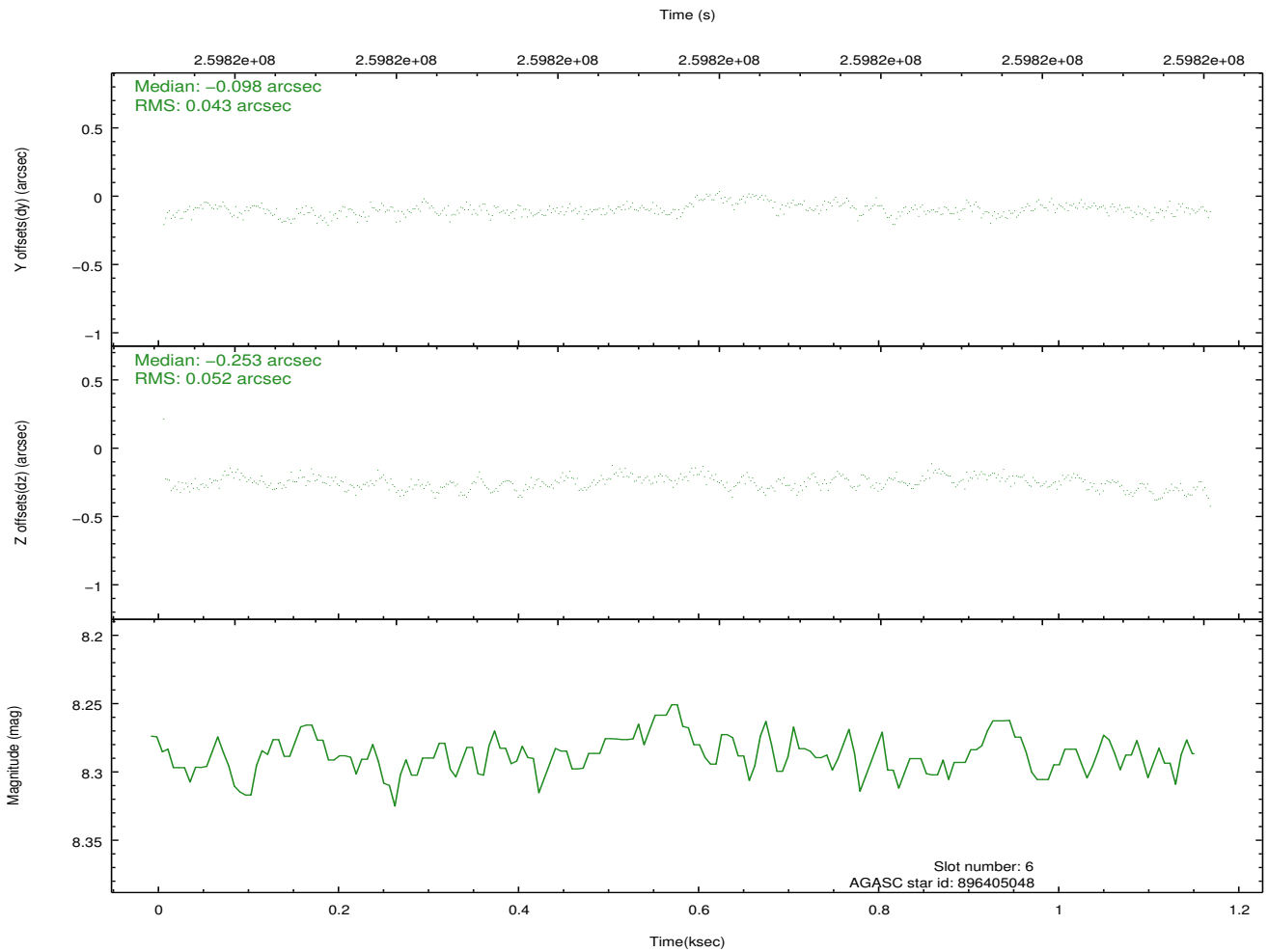
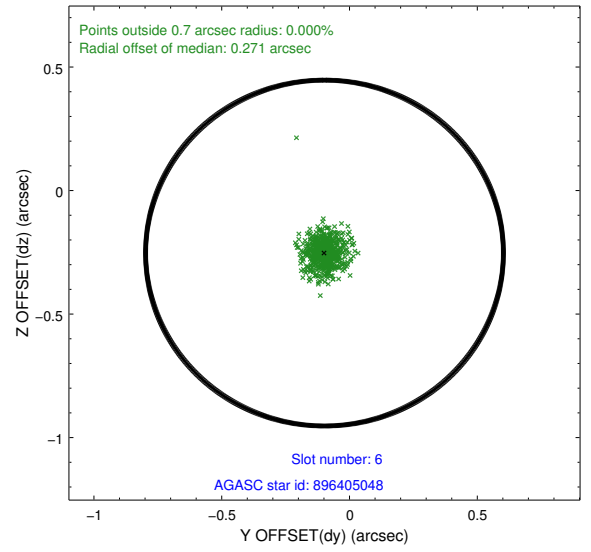
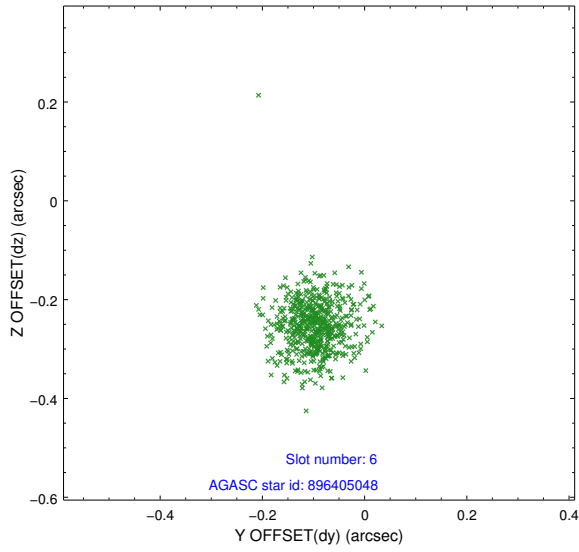
## 2.4.2 Slot 4



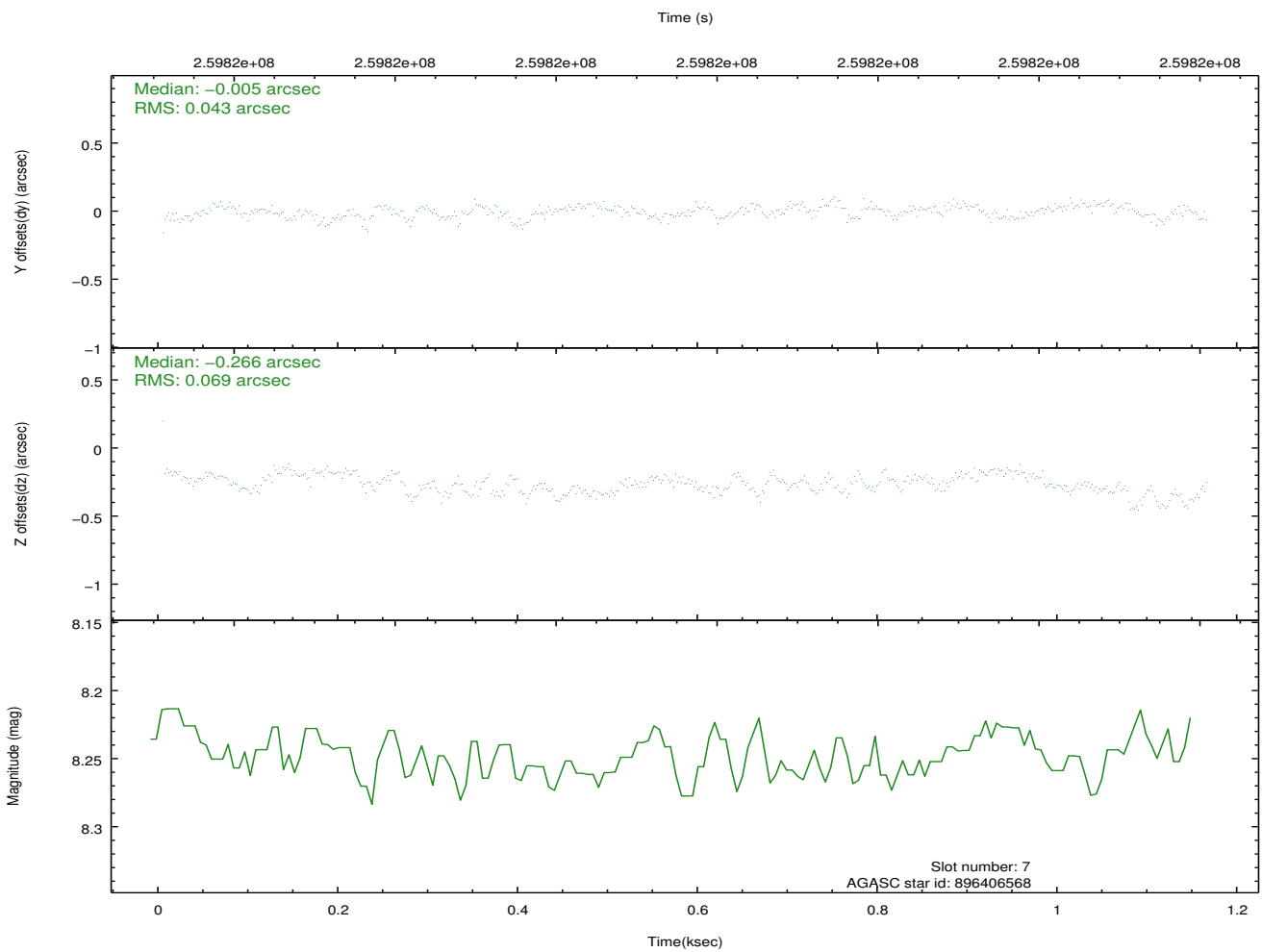
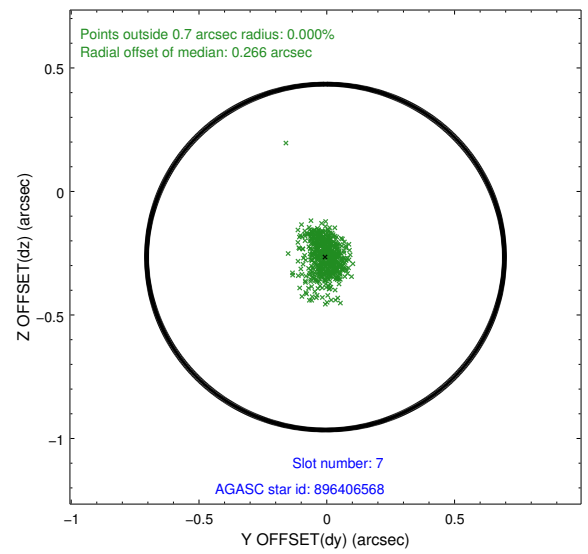
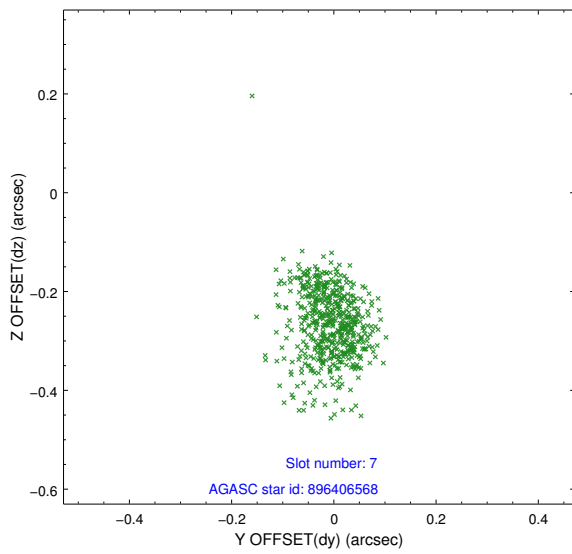
### 2.4.3 Slot 5



### 2.4.4 Slot 6

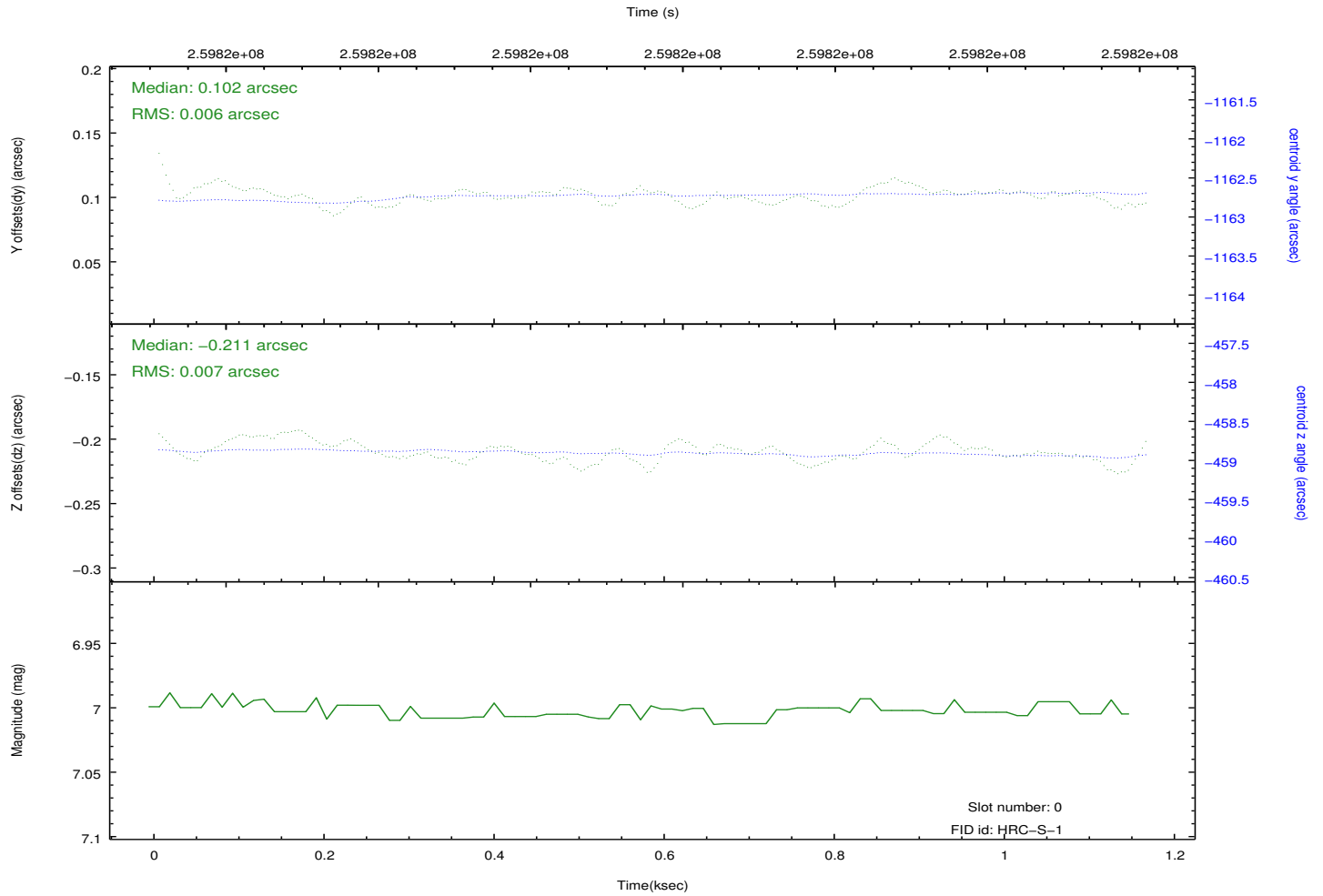
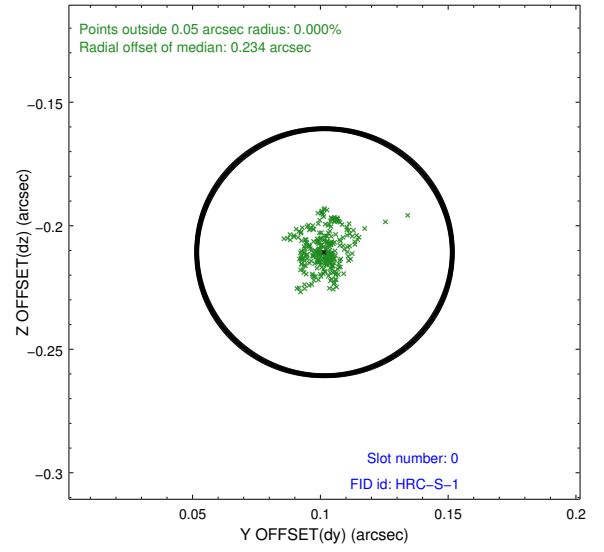
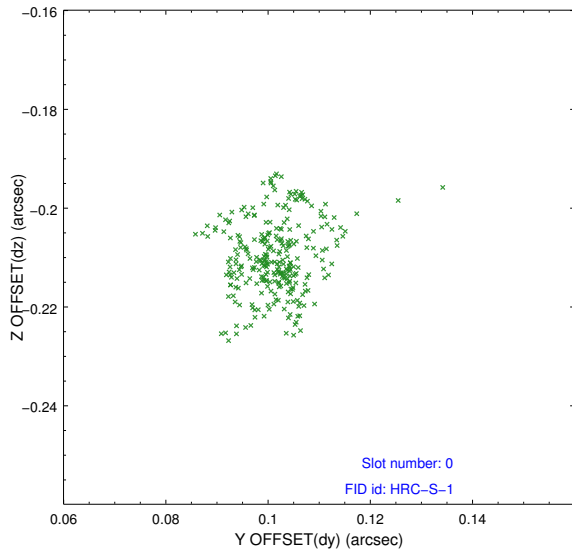


## 2.4.5 Slot 7

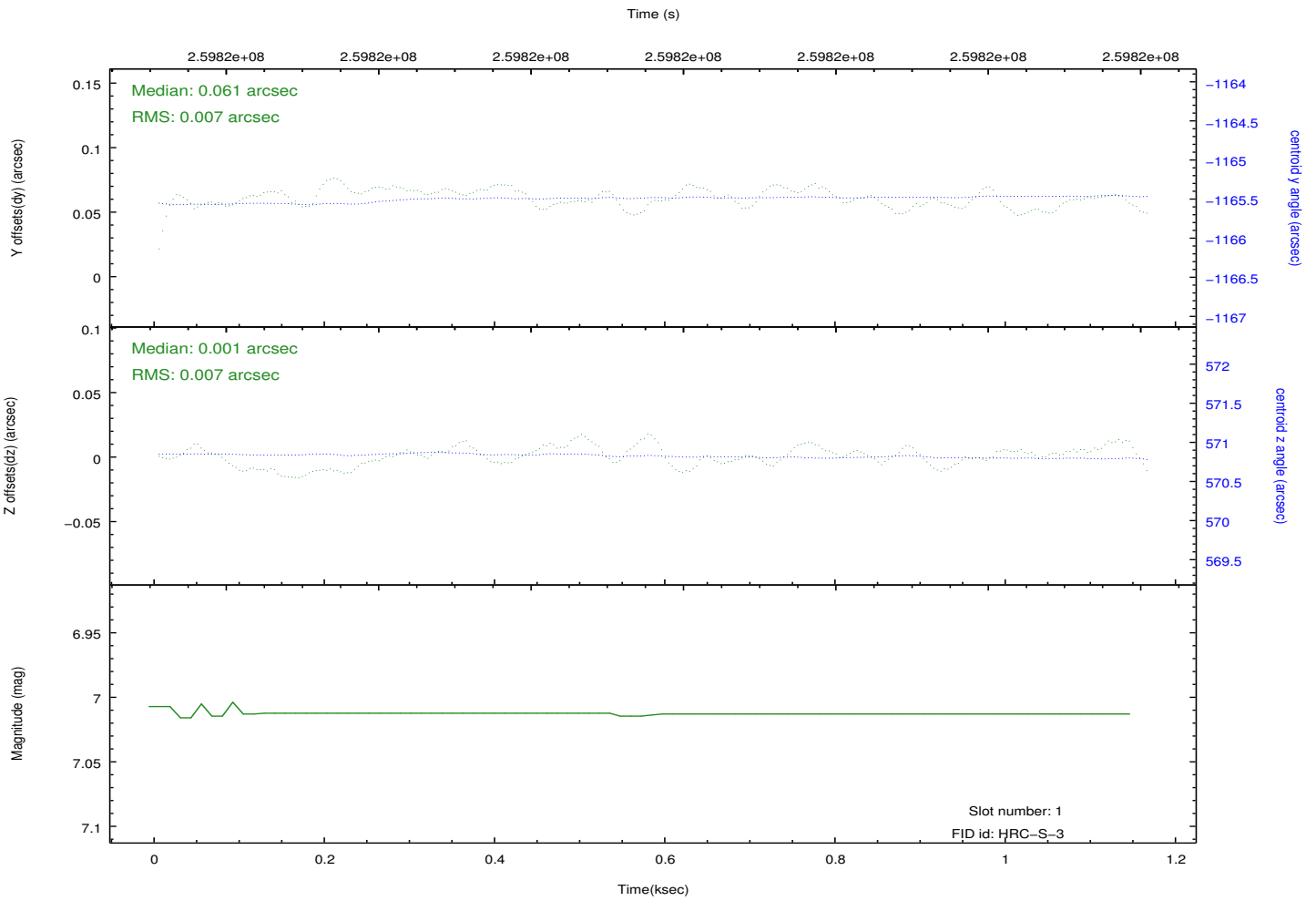
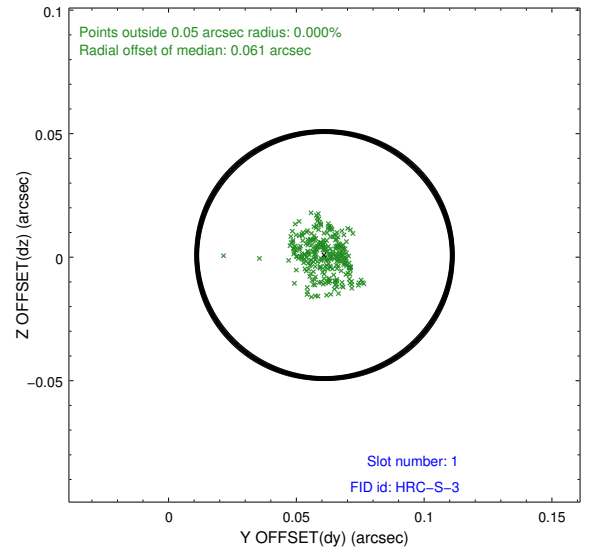
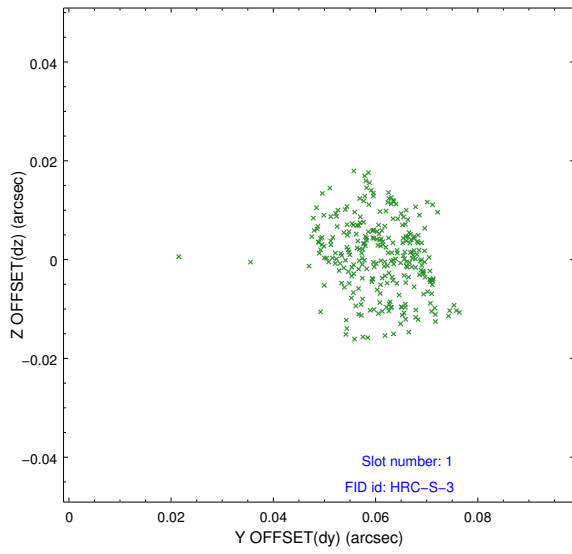


## 2.5 FID Slots

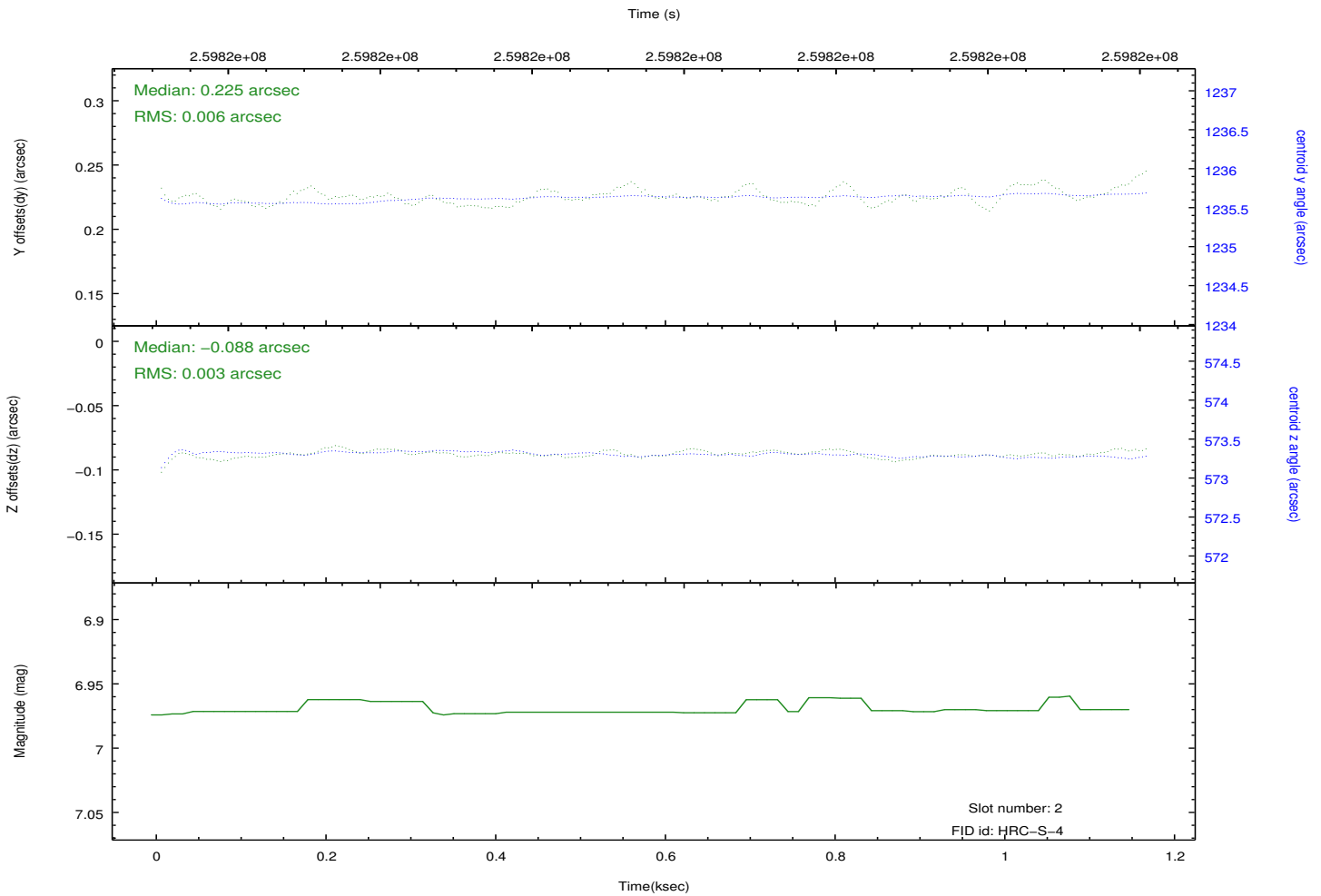
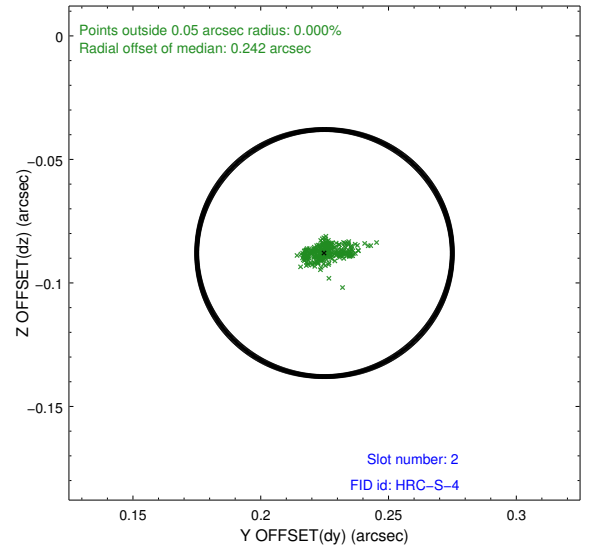
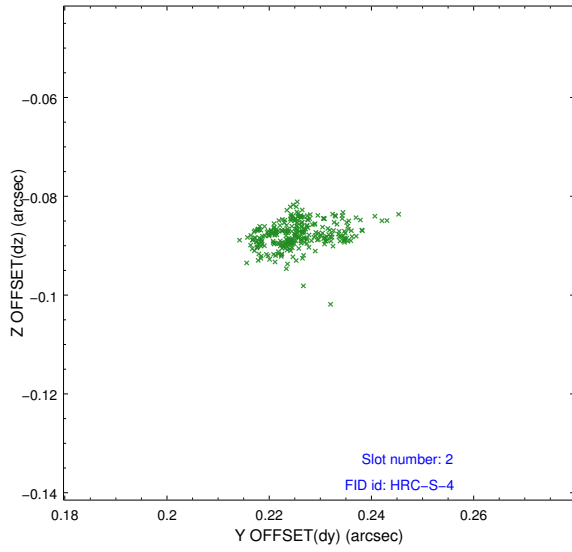
### 2.5.1 Slot 0



## 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)	2012.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1615813

## A.2 Comments