

# V&V Reference Report

## L2 ASCDS Version : 8.4.5

Observation 11078 - L2 Version 2  
Chandra X-Ray Center

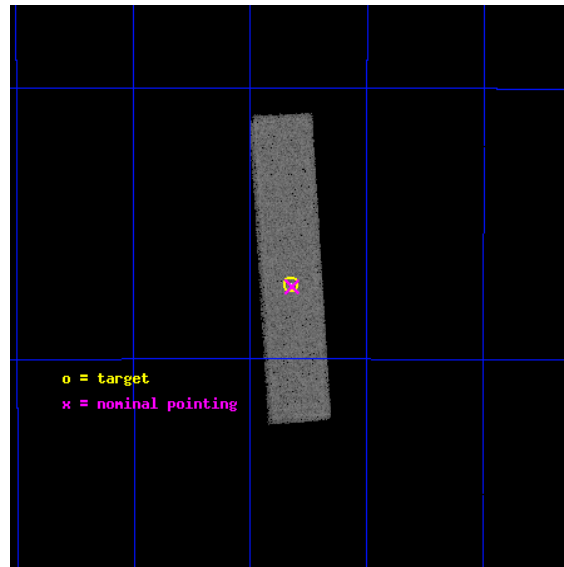
L2 Processing Date : Jul 4 2012

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# 1 Front

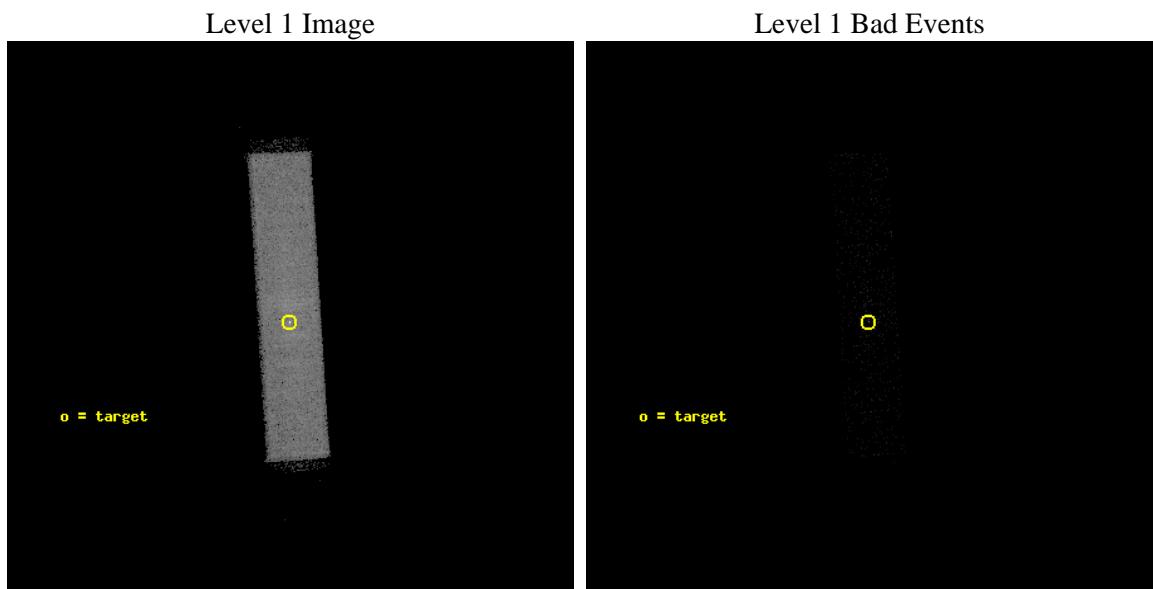
seq_num	401113	Sequence number
obs_id	11078	Observation id
title	Precise Localization of Transient Low-Mass X-ray Binaries	Proposal
observer	Prof. Deepto Chakrabarty	Principal investigator
object	XTE J1728-295	Source name
ra_targ	262.162375	Observer's specified target RA [deg]
dec_targ	-29.362472	Observer's specified target Dec [deg]
ra_nom	262.16076219499	Nominal RA [deg]
dec_nom	-29.366742806442	Nominal Dec [deg]
roll_nom	266.34685629846	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1177.9813104868	[s]
livetime	1172.2535944148	Ontime multiplied by DTCOR
l2events	63131	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	1177.9813104868	[s]
caldbver	4.5.0	&#160	l1events	156281	Number of level 1 events
date	2012-07-03T23:37:56	Date and time of file creation			
revision	2	Processing version of data			

### 2.1.3 Events

Level 1 Events

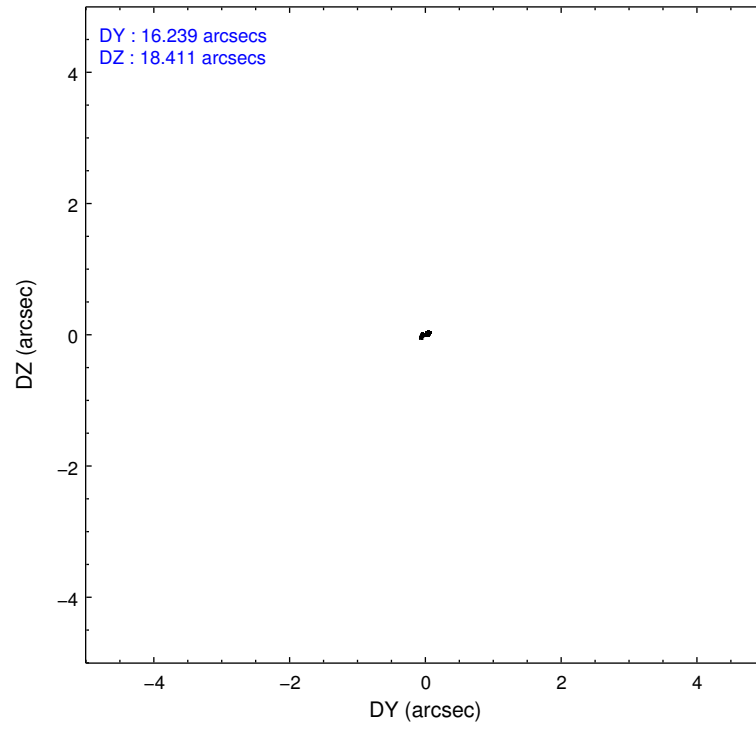
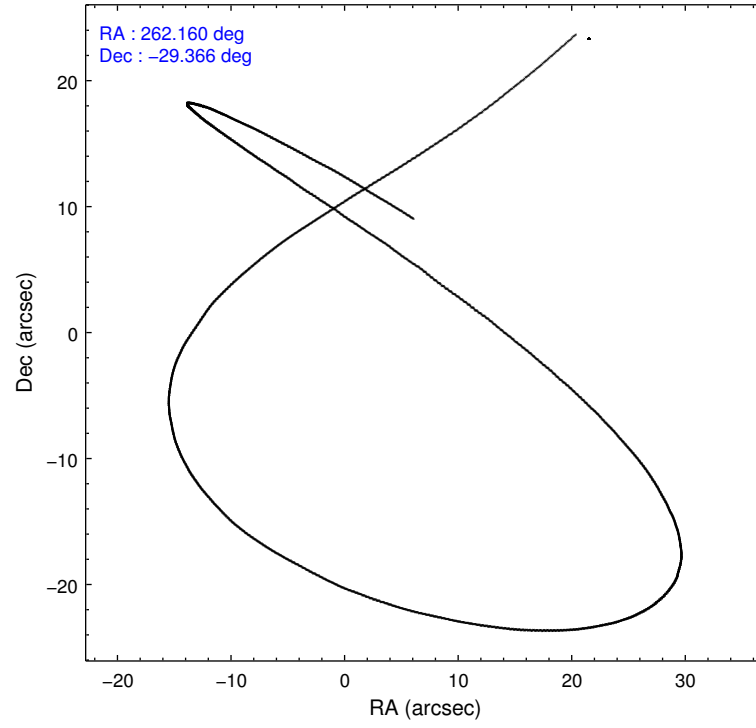
	<b>segment 1</b>	<b>segment 2</b>	<b>segment 3</b>
level 1 events	156	156116	9
rejected events	75	72533	9
rejected %	48%	46%	100%

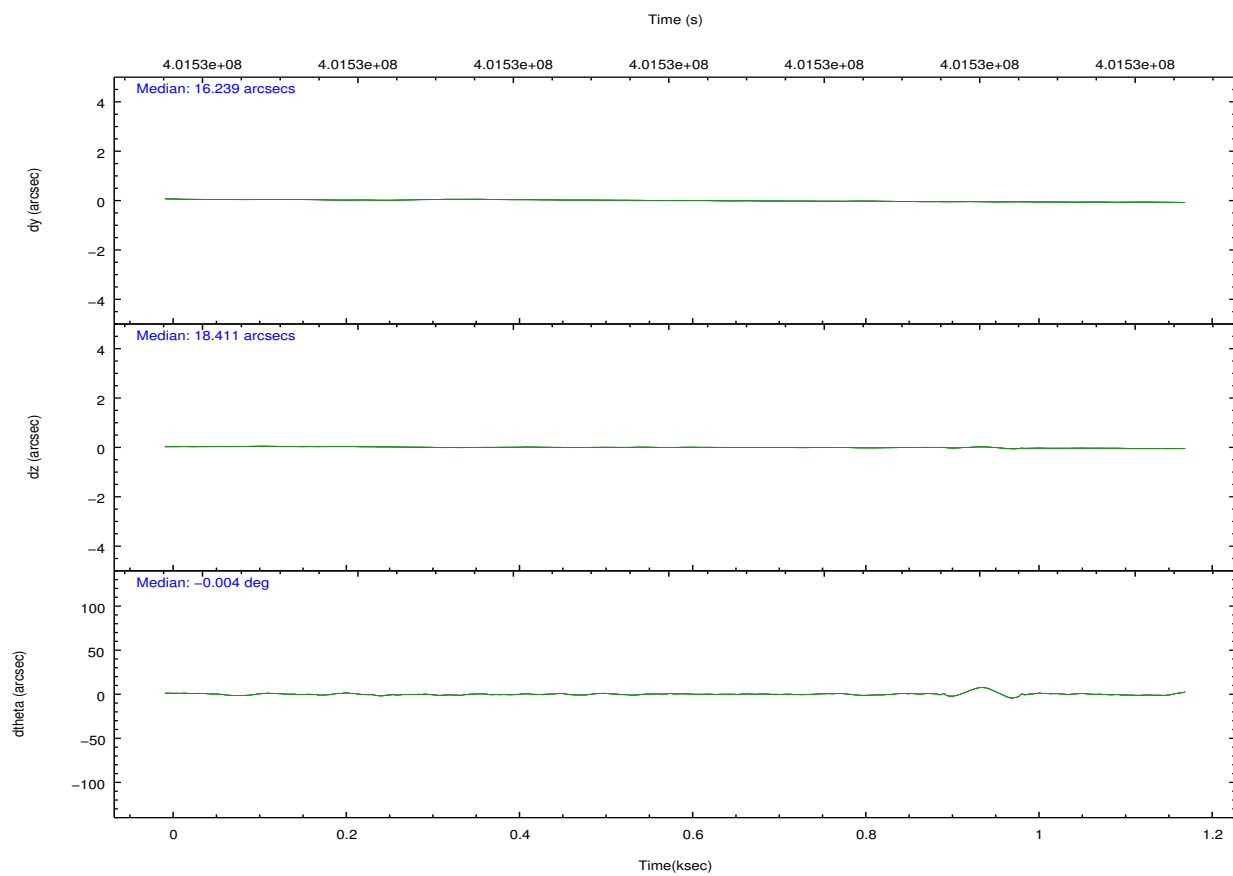
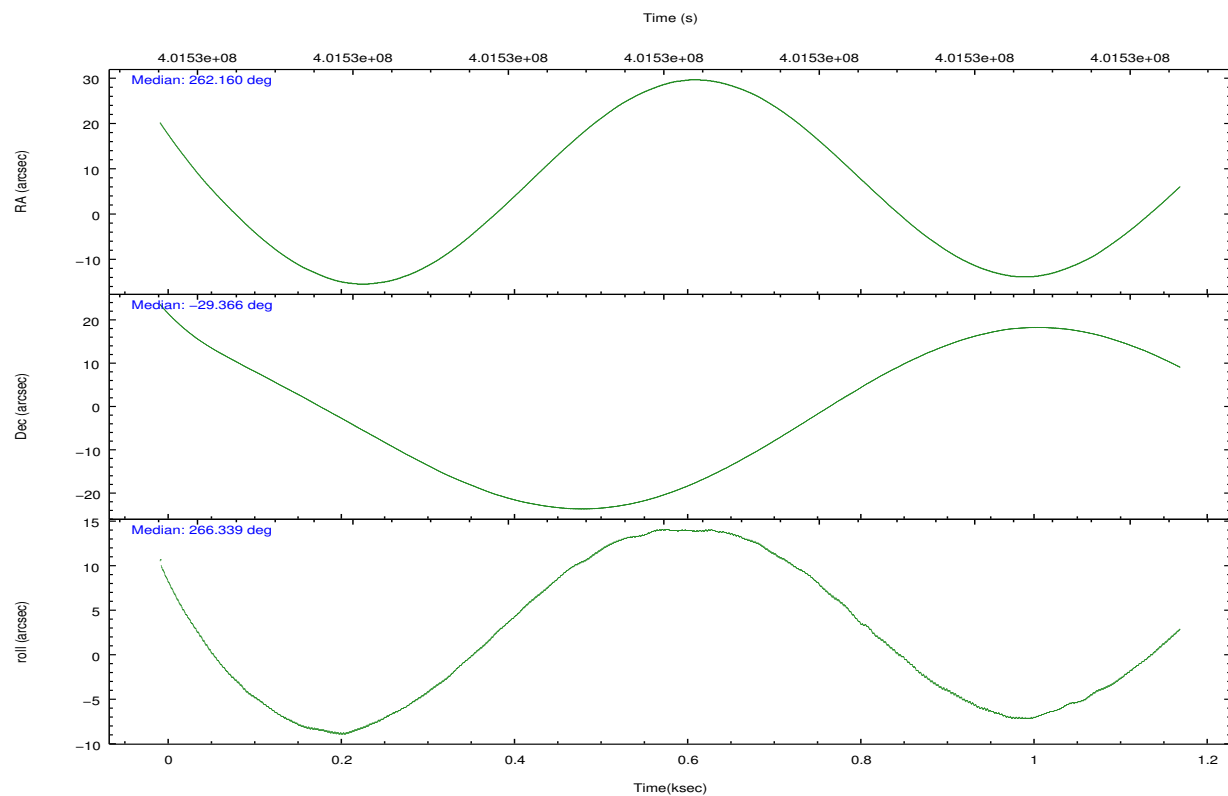
## 2.2 Compared Parameters

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	262.145877	262.1607621949887
[deg] Pointing Dec	-29.342163	-29.36674280644189
[deg] Pointing Roll	266.272257	266.3468562984636
[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)	401529384.184000	401528232.13709
Observation start date	2010-09-22T07:55:18	2010-09-22T07:37:12
[s] Observation end time (MET)	401530384.184000	401531310.21225
Observation end date	2010-09-22T08:11:58	2010-09-22T08:28:30

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

## 2.3 Aspect





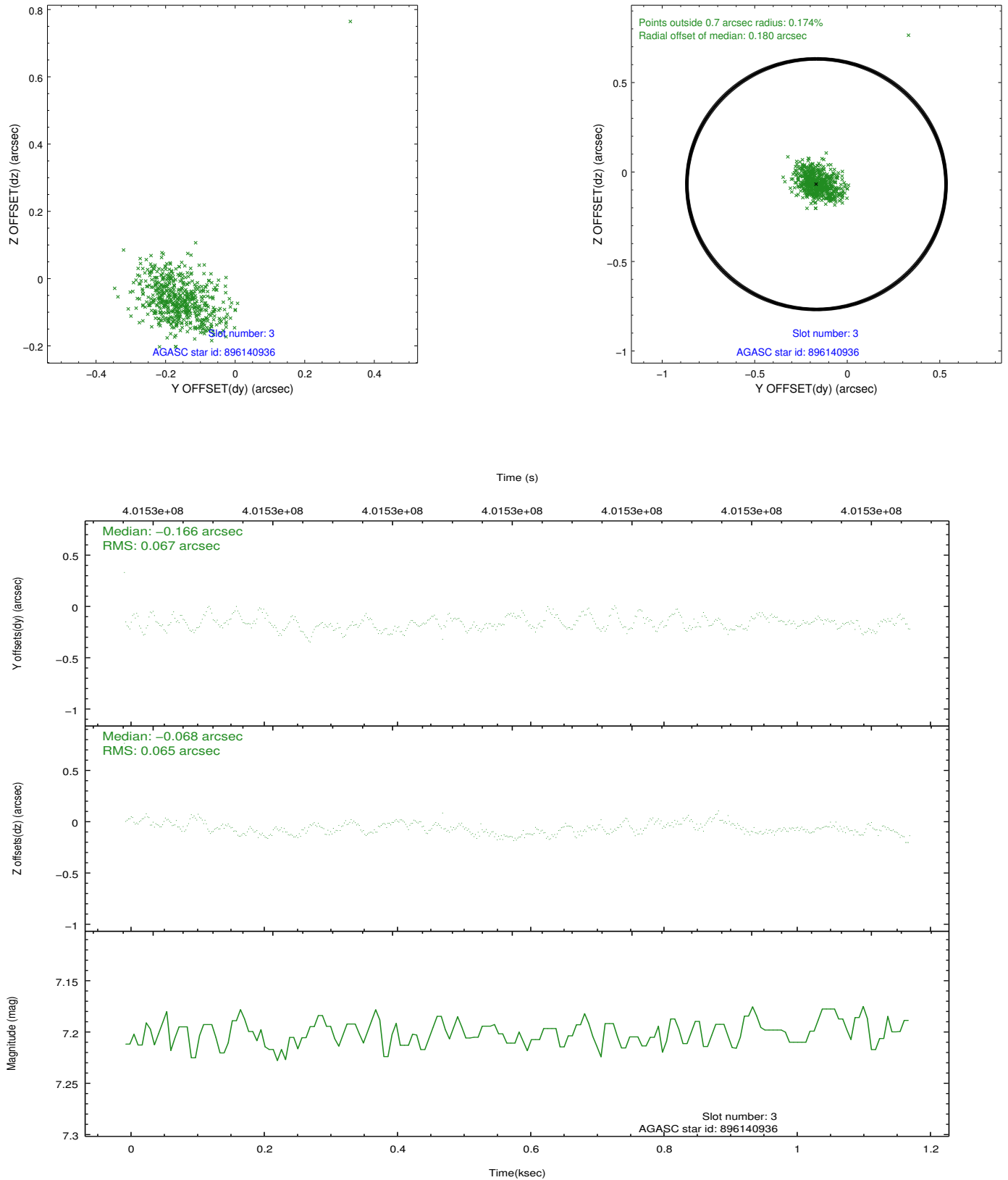
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.98	288	0.038	-0.202	0.006	0.011	0.000000	0.000000	-1170.69	-467.41
1	FID	HRC-S-3	6.99	288	0.070	-0.035	0.008	0.015	0.000000	0.000000	-1177.45	560.66
2	FID	HRC-S-4	6.93	288	0.279	-0.061	0.005	0.009	0.000000	0.000000	1223.69	566.77
3	GUIDE	896140936	7.20	576	-0.166	-0.068	0.091	0.149	261.373497	-29.670673	1347.80	-2329.40
4	GUIDE	896273680	8.20	576	-0.191	0.120	0.073	0.122	261.818769	-28.770160	-1981.85	-1164.01
5	GUIDE	896275008	9.02	576	-0.001	-0.132	0.099	0.159	262.213219	-29.592649	884.90	270.99
6	GUIDE	896142712	9.03	576	0.470	0.086	0.101	0.167	261.463204	-28.655549	-2315.74	-2308.18
7	GUIDE	896271800	9.02	571	-0.129	0.004	0.093	0.172	262.457136	-29.780549	1510.65	1073.30

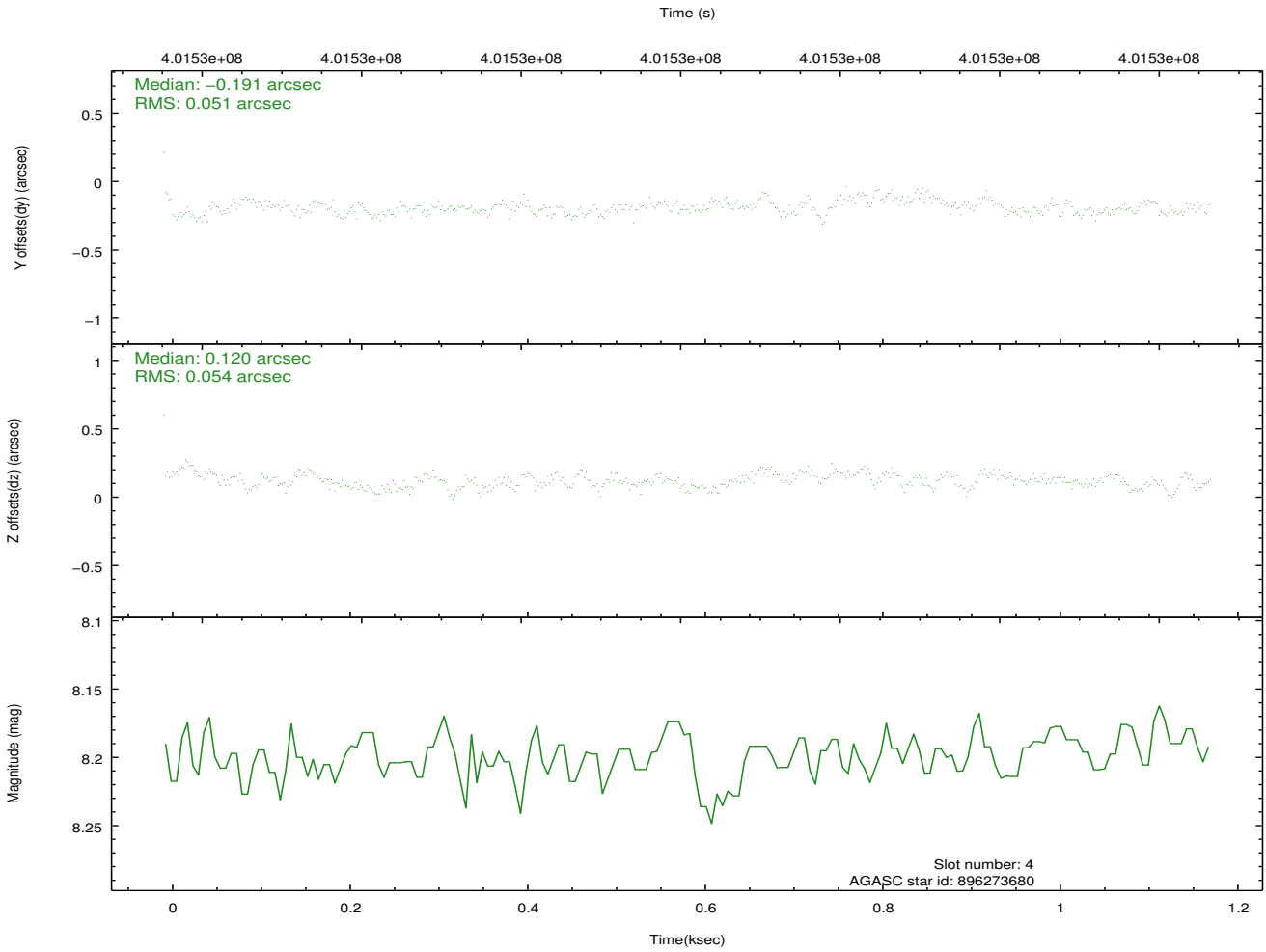
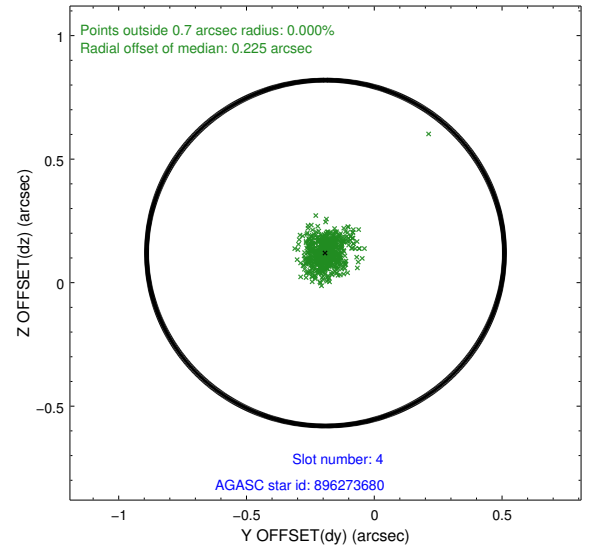
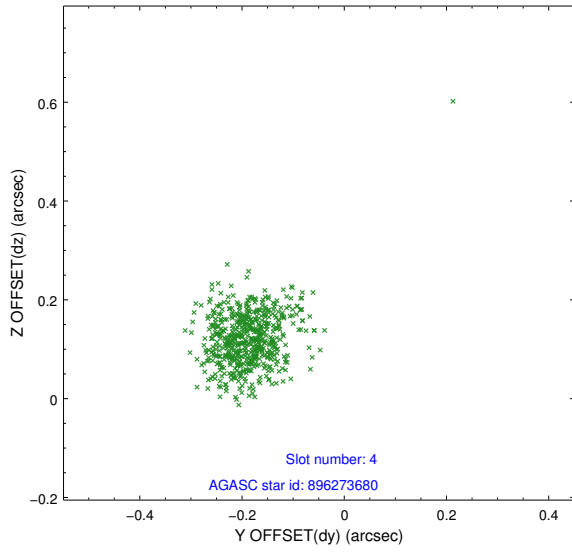


## 2.4 Star Slots

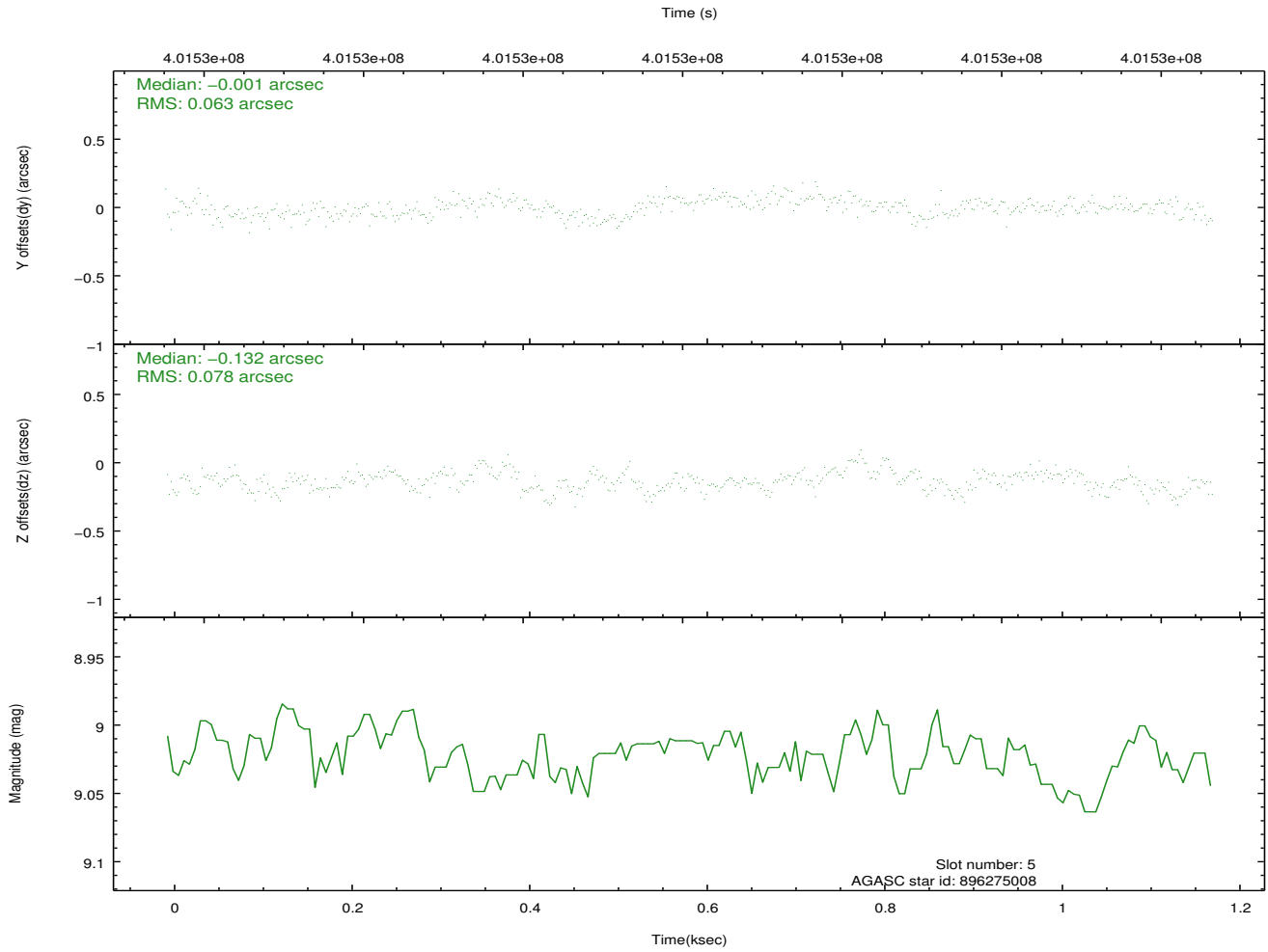
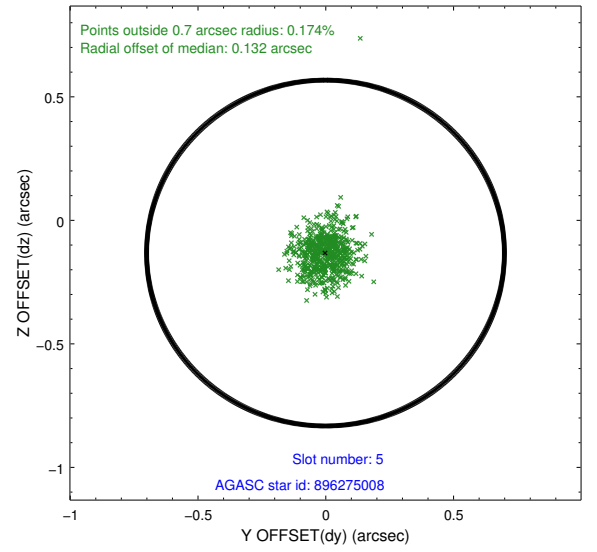
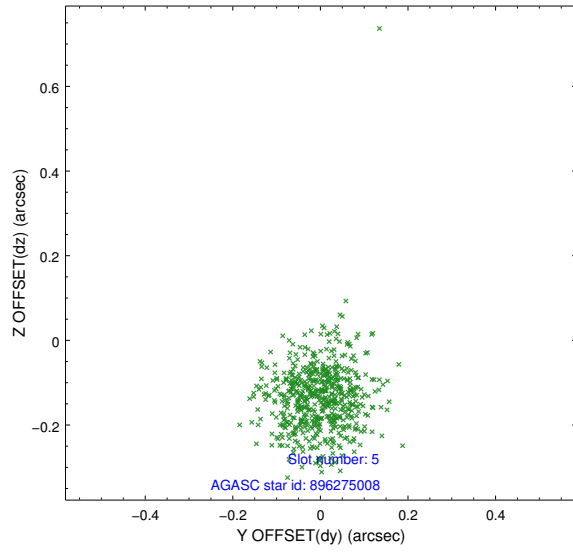
### 2.4.1 Slot 3



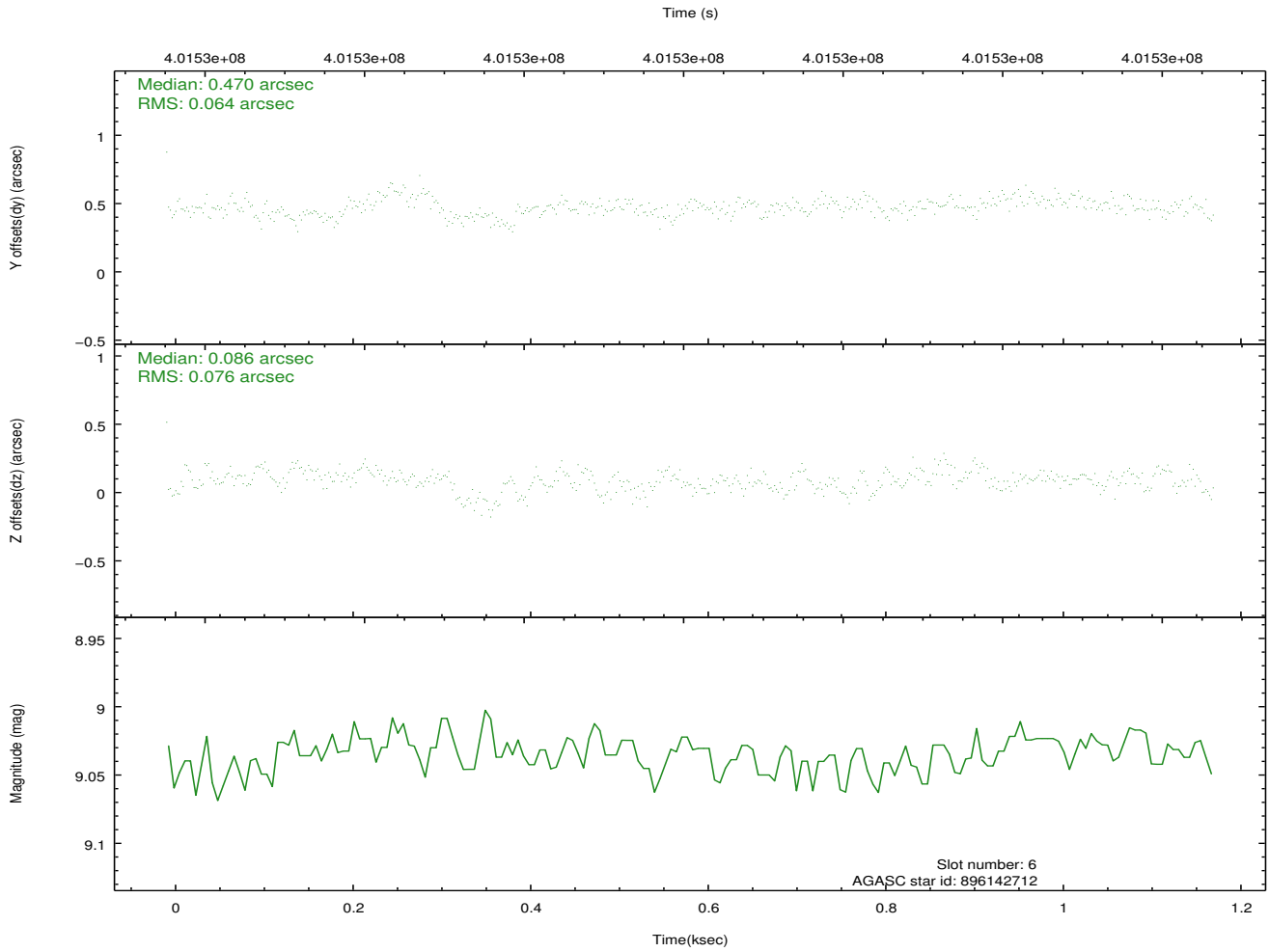
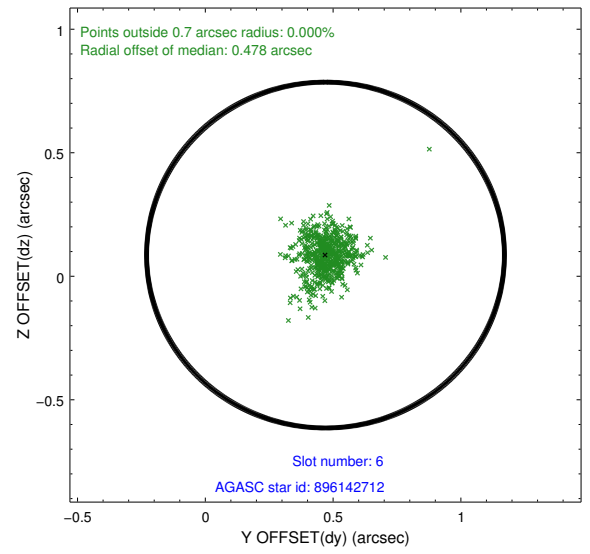
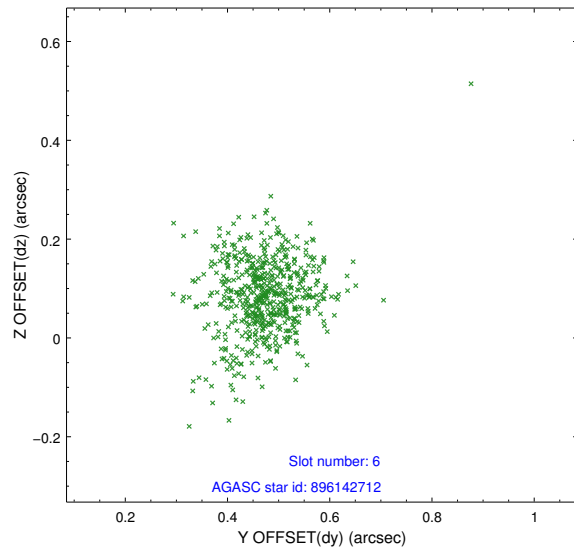
## 2.4.2 Slot 4



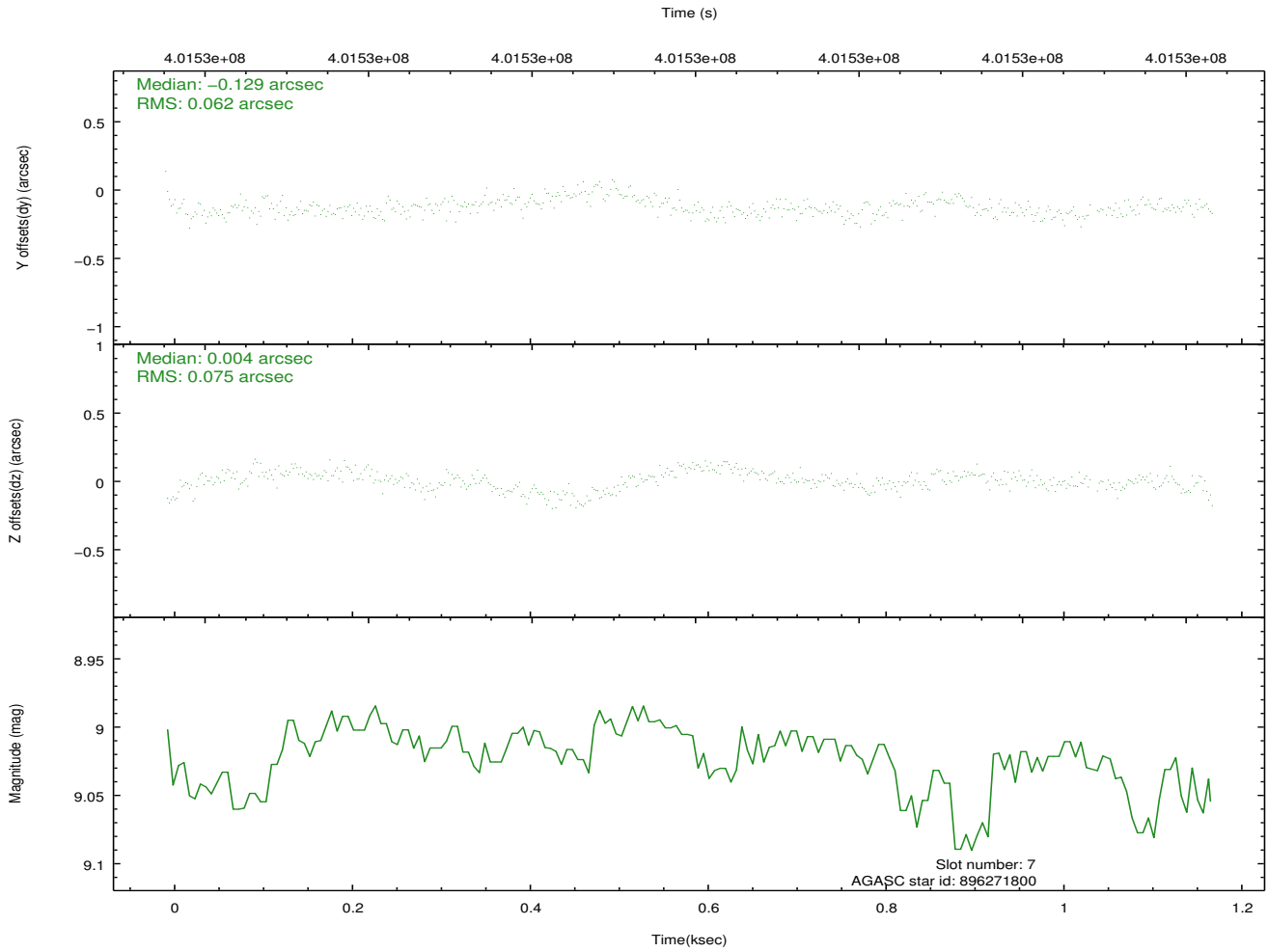
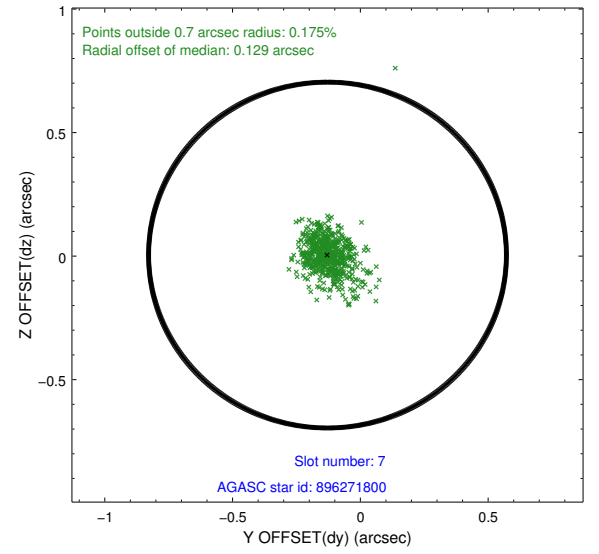
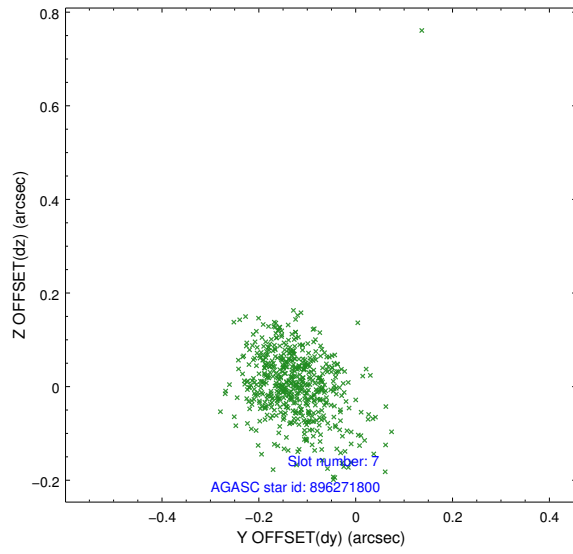
### 2.4.3 Slot 5



## 2.4.4 Slot 6

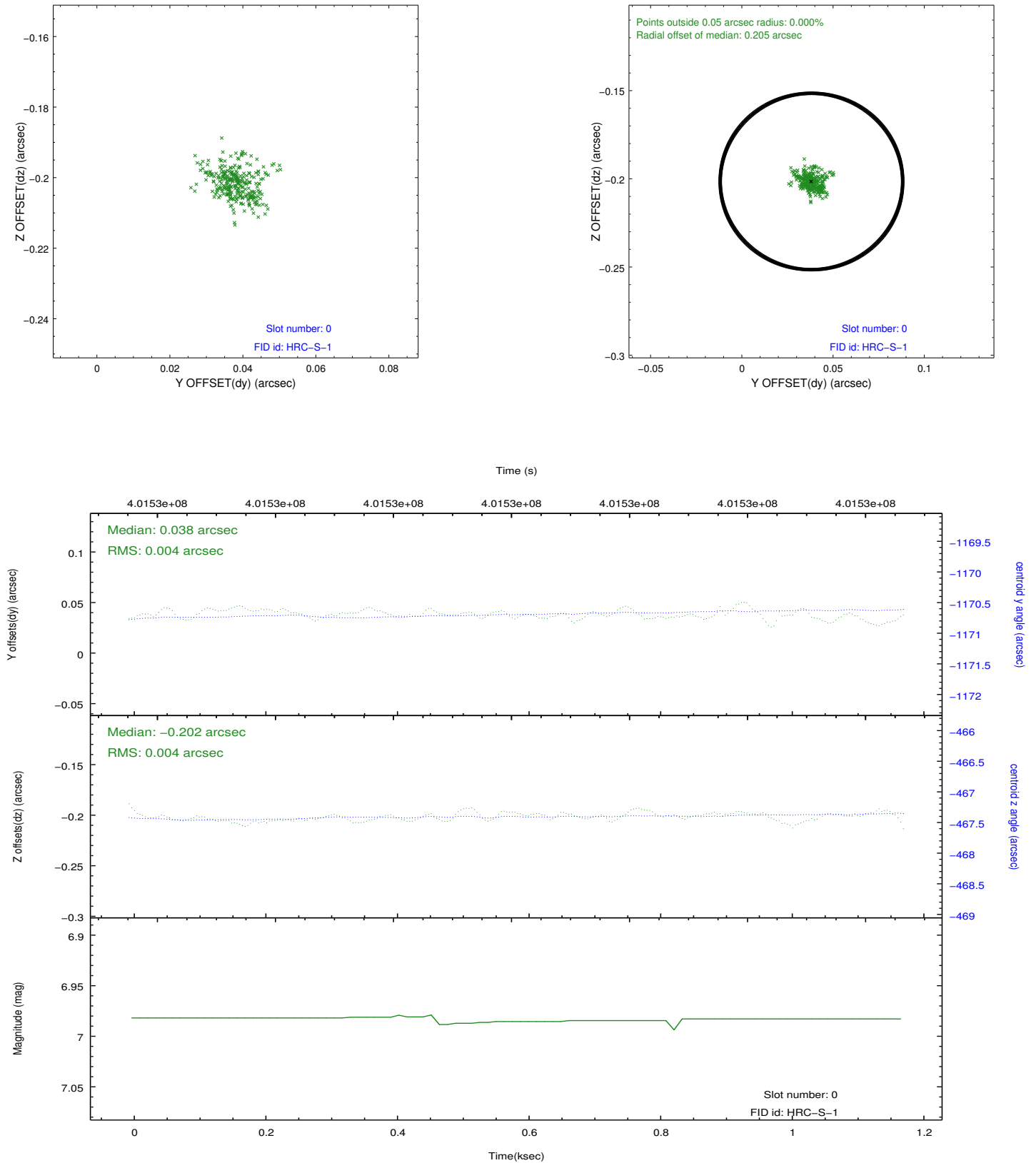


## 2.4.5 Slot 7

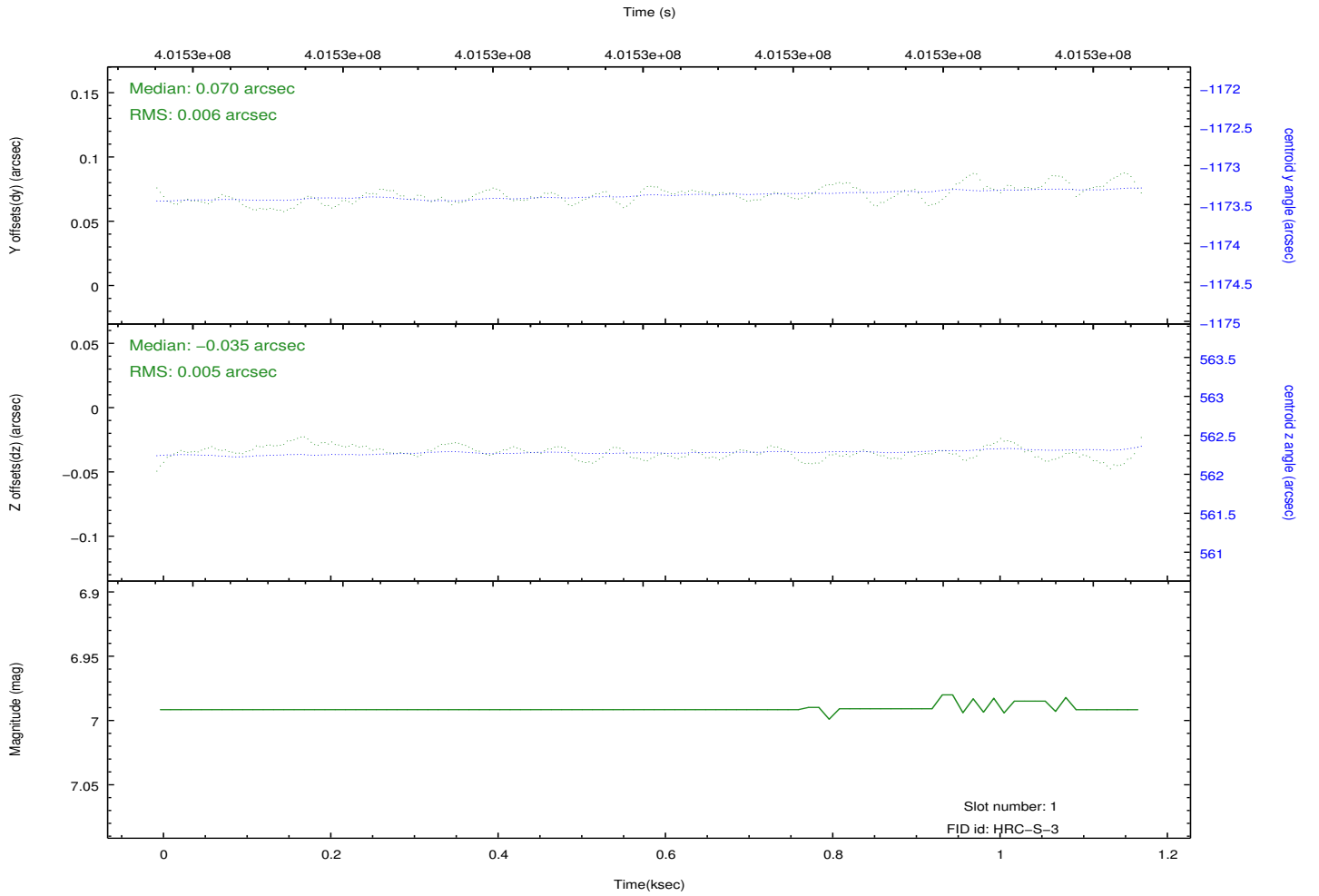
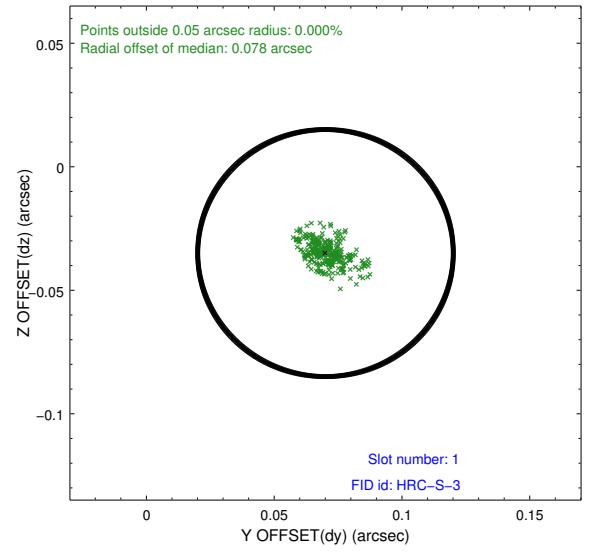
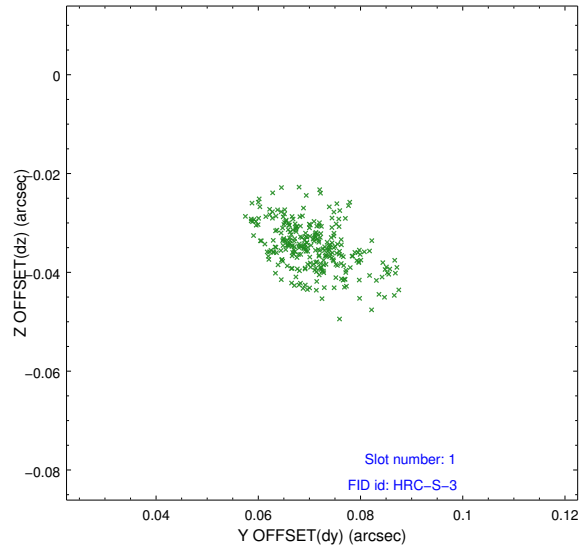


## 2.5 FID Slots

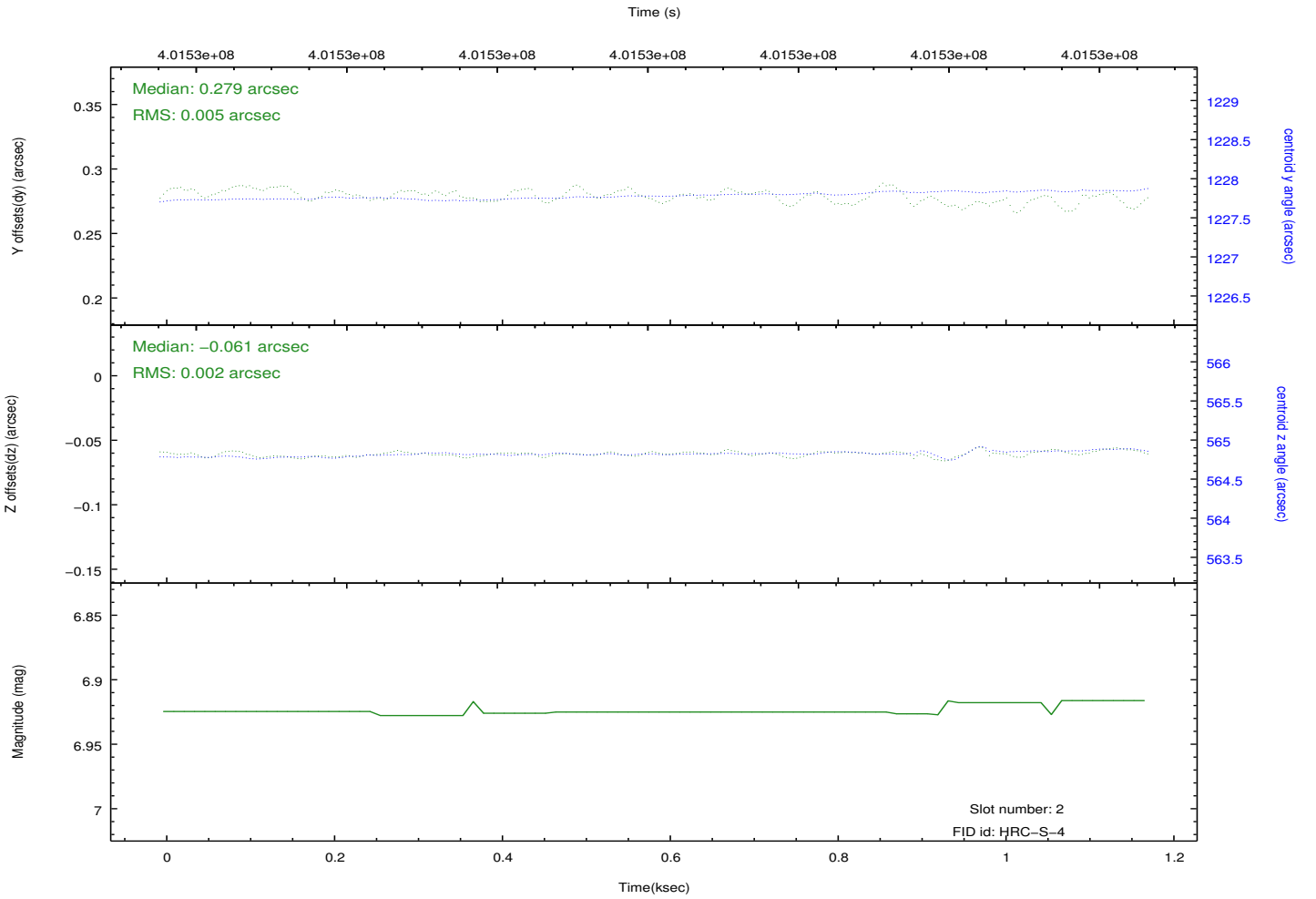
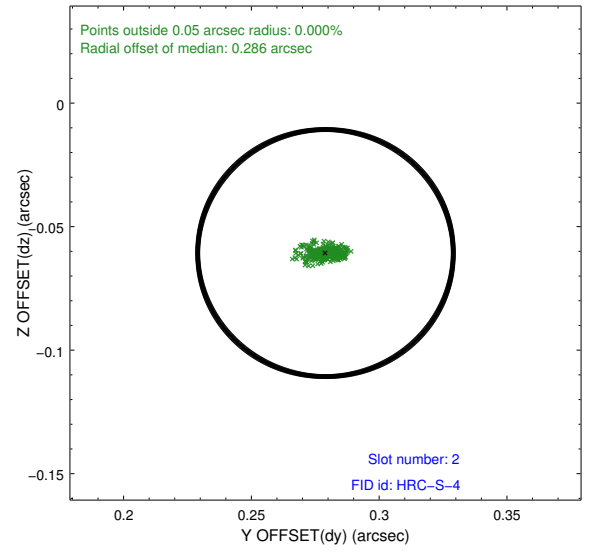
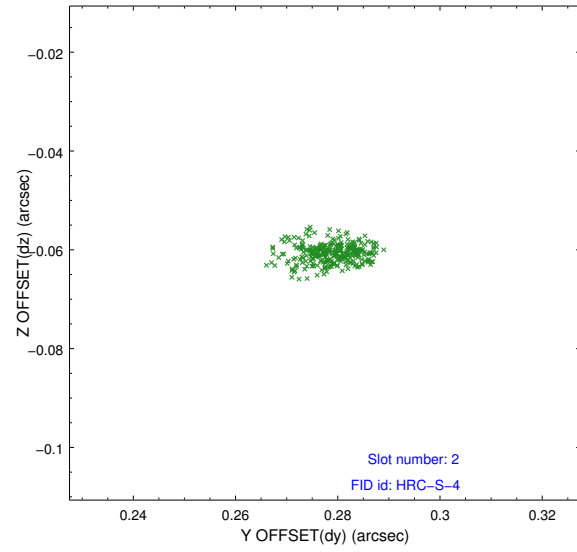
### 2.5.1 Slot 0



## 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)	2012.07.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1777250602841

### **A.2 Comments**