

# V&V Reference Report

## L2 ASCDS Version : 8.4.3

Observation 12500 - L2 Version 3  
Chandra X-Ray Center

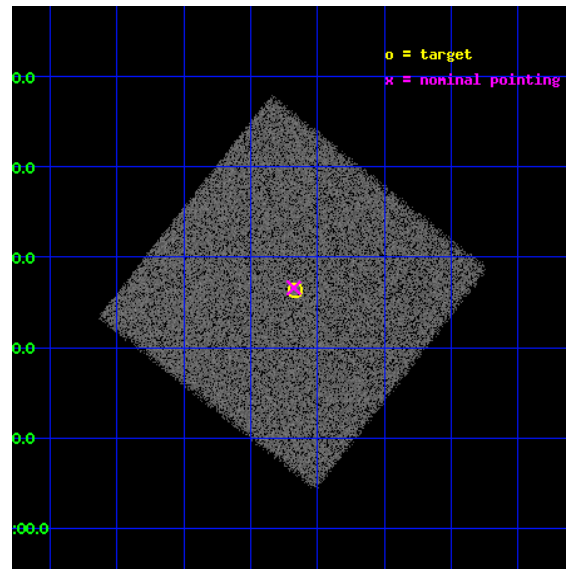
L2 Processing Date : Jul 27 2012

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# 1 Front

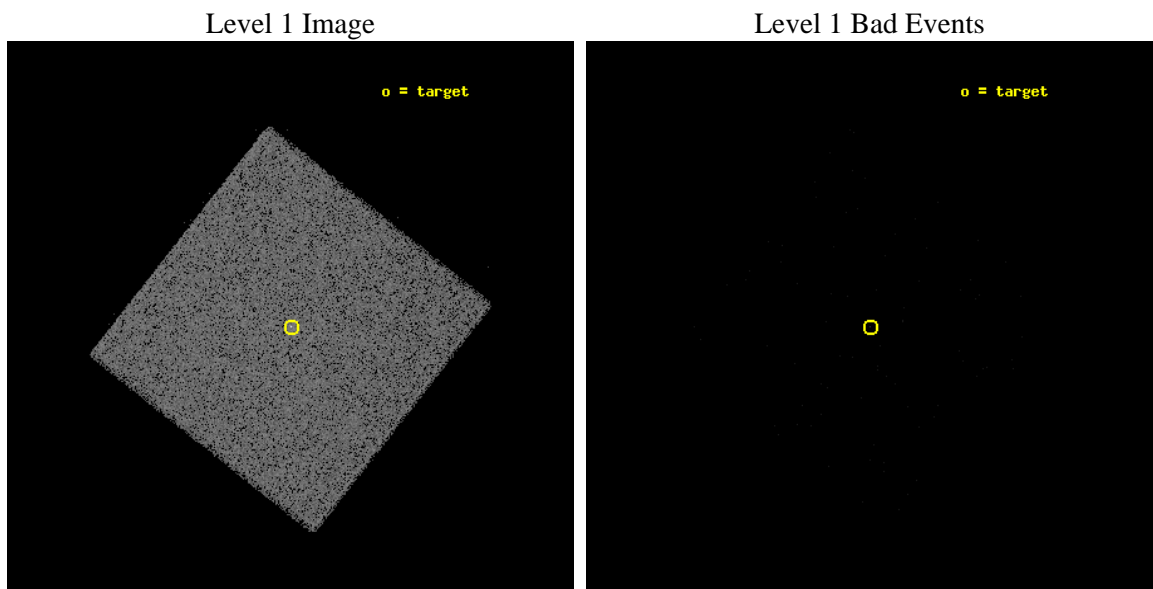
seq_num	401241	Sequence number
obs_id	12500	Observation id
title	PRECISE CHANDRA LOCALIZATION OF FAINT PERSISTENT X-RAY SOURCES NEAR THE GALACTIC PLANE	Proposal title
observer	Dr. Alexander Lutovinov	Principal investigator
object	XTE J1901+014	Source name
ra_targ	285.417917	Observer's specified target RA [deg]
dec_targ	1.44	Observer's specified target Dec [deg]
ra_nom	285.41933947117	Nominal RA [deg]
dec_nom	1.4437252609202	Nominal Dec [deg]
roll_nom	83.27760561249	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1147.2313094735	[s]
livetime	1134.7049380326	Ontime multiplied by DTCOR
l2events	85725	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	1147.2313094735	[s]
caldbver	4.5.1	&#160	l1events	215402	Number of level 1 events
date	2012-07-27T21:29:38	Date and time of file creation			
revision	3	Processing version of data			

### 2.1.3 Events

#### Level 1 Events

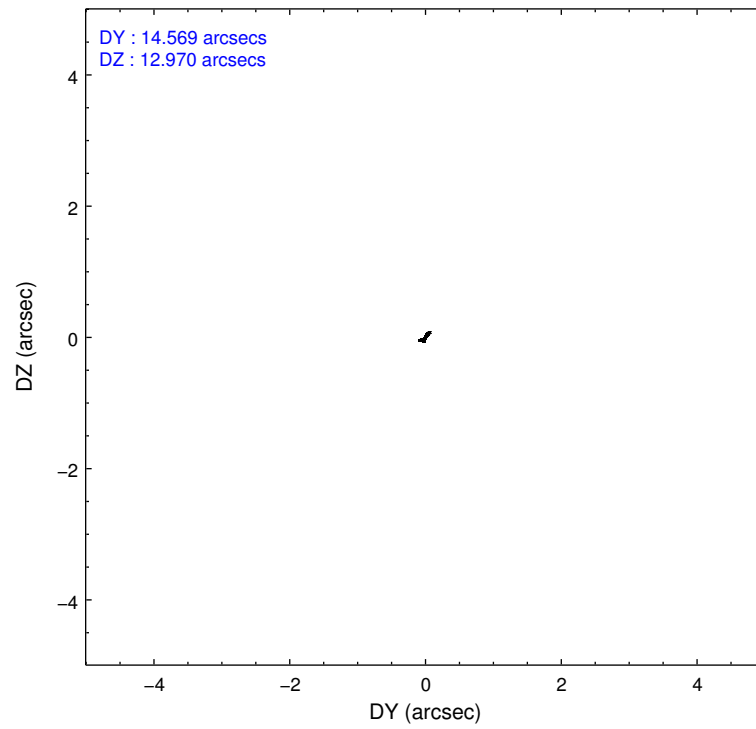
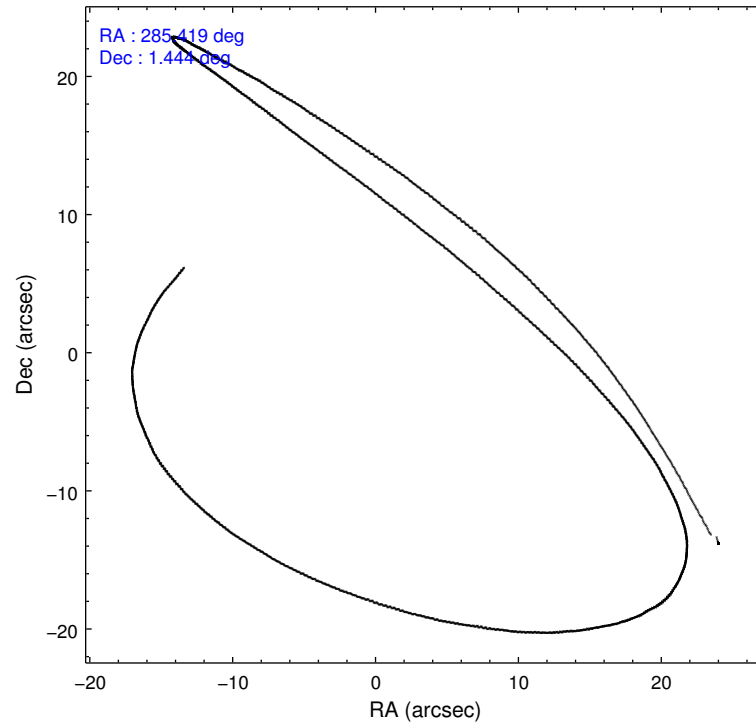
	<b>segment 0</b>
level 1 events	215402
rejected events	95184
rejected %	44%

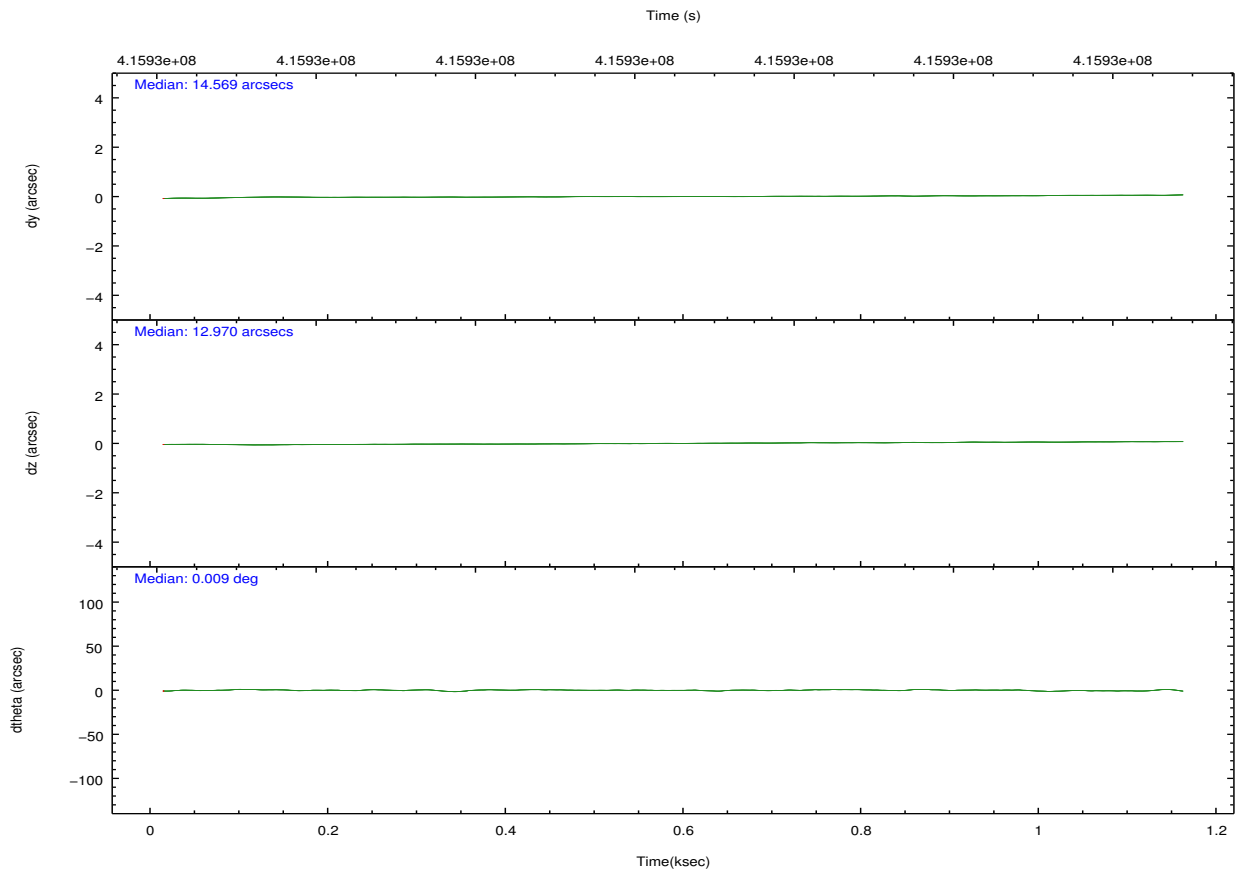
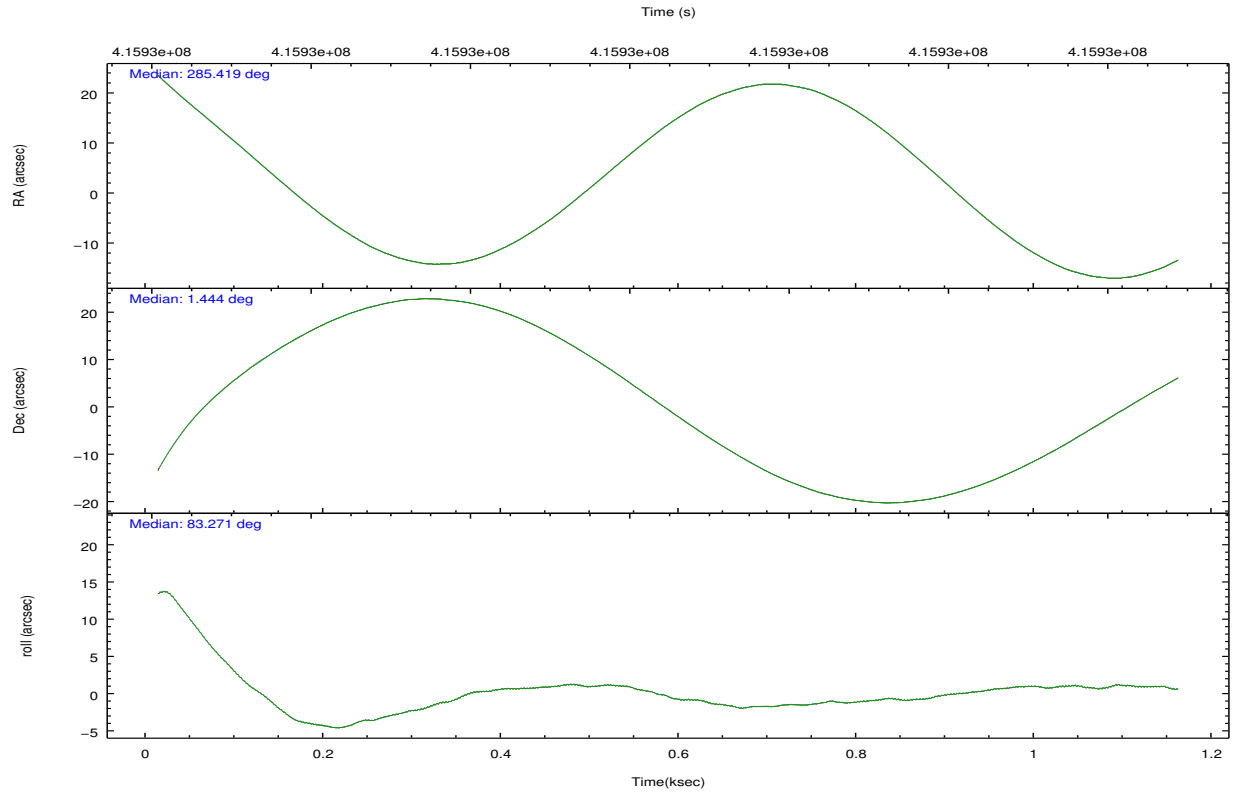
## 2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	285.431247	285.4193394711745
[deg] Pointing Dec	1.418991	1.443725260920235
[deg] Pointing Roll	83.372676	83.27760561249026
[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)	415928034.184000	415926998.27994
Observation start date	2011-03-07T23:32:48	2011-03-07T23:16:38
[s] Observation end time (MET)	415929034.184000	415929559.75507
Observation end date	2011-03-07T23:49:28	2011-03-07T23:59:19

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

## 2.3 Aspect





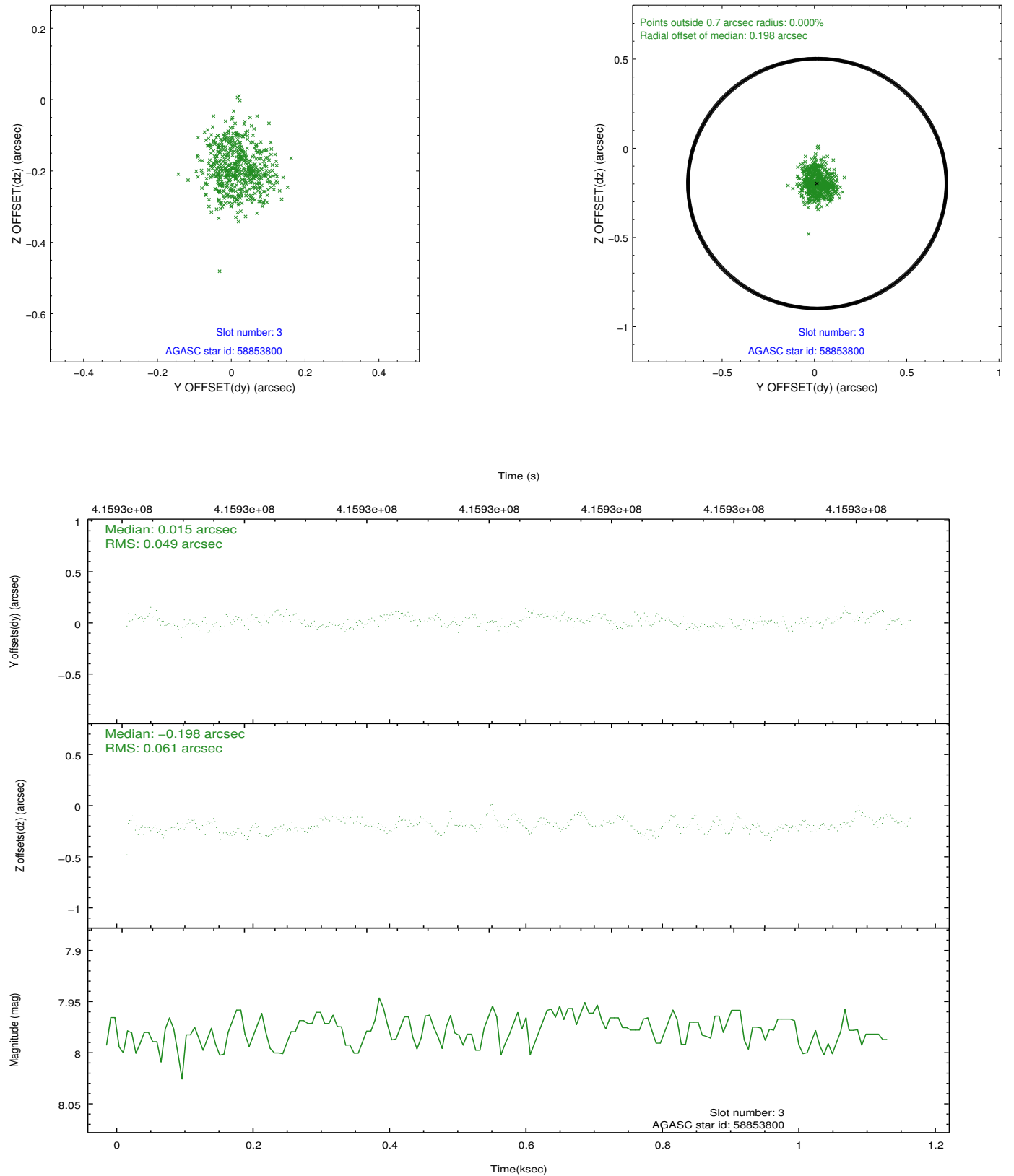
Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.95	281	-0.070	0.039	0.006	0.011	0.000000	0.000000	-770.44	-1300.95
1	FID	HRC-I-2	6.99	281	0.249	-0.159	0.006	0.008	0.000000	0.000000	839.77	-1307.36
2	FID	HRC-I-3	7.04	281	-0.061	0.030	0.005	0.011	0.000000	0.000000	-1195.92	998.95
3	GUIDE	58853800	7.98	561	0.015	-0.198	0.085	0.131	284.849220	1.406285	-286.79	2073.20
4	GUIDE	60556264	8.42	561	0.080	0.397	0.077	0.118	285.938259	0.754840	-2164.07	-2087.08
5	GUIDE	60565536	7.58	561	-0.118	-0.163	0.074	0.112	285.362204	1.288562	-498.72	186.71
6	GUIDE	61083696	6.85	561	-0.212	-0.218	0.075	0.113	285.305341	2.033213	2143.47	703.63
7	GUIDE	61085872	9.03	560	0.230	0.158	0.141	0.232	286.137473	1.985097	2322.82	-2289.09

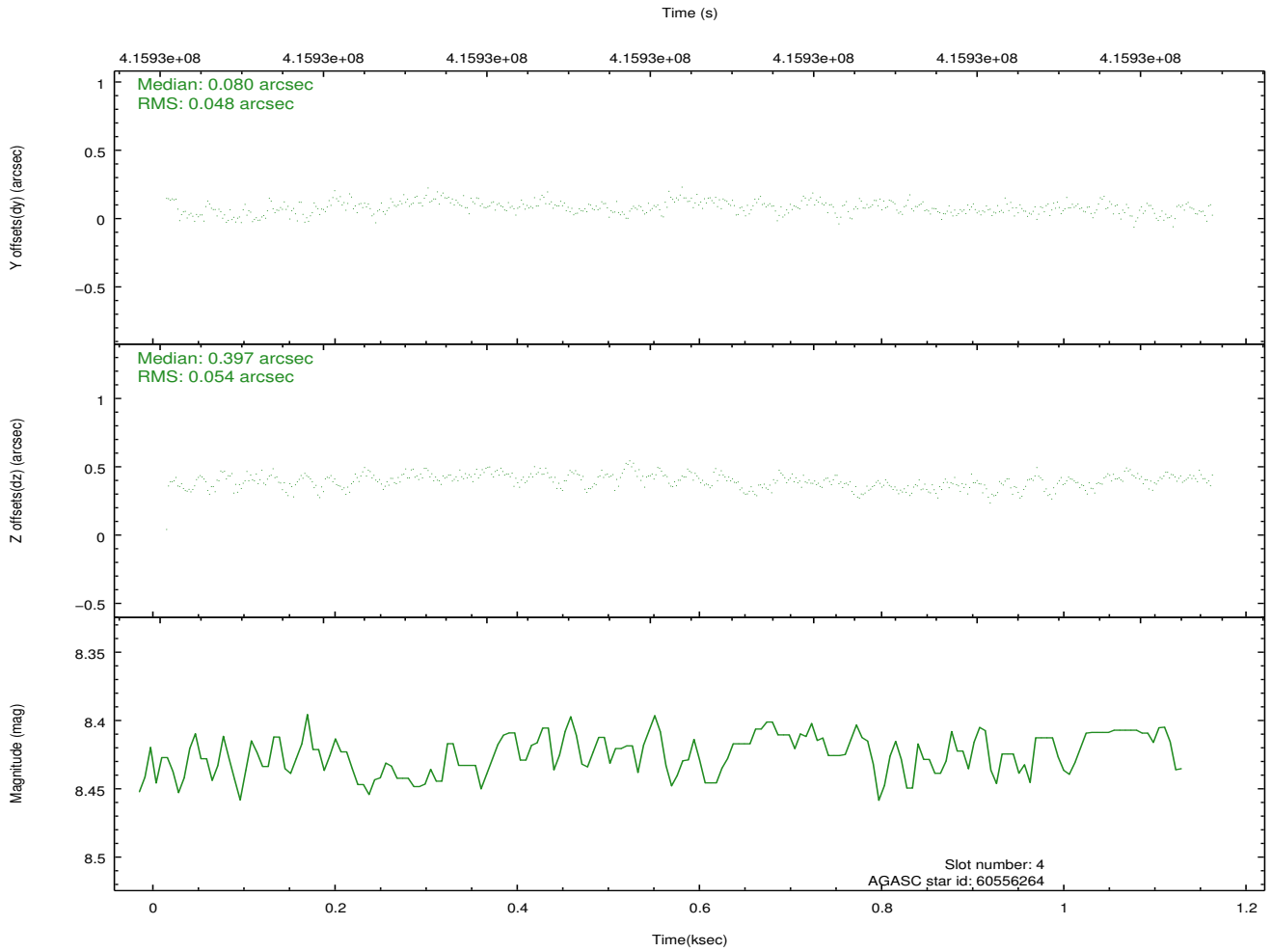
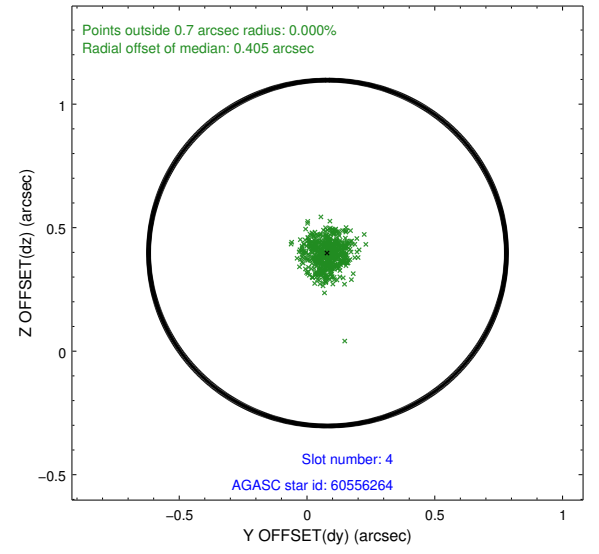
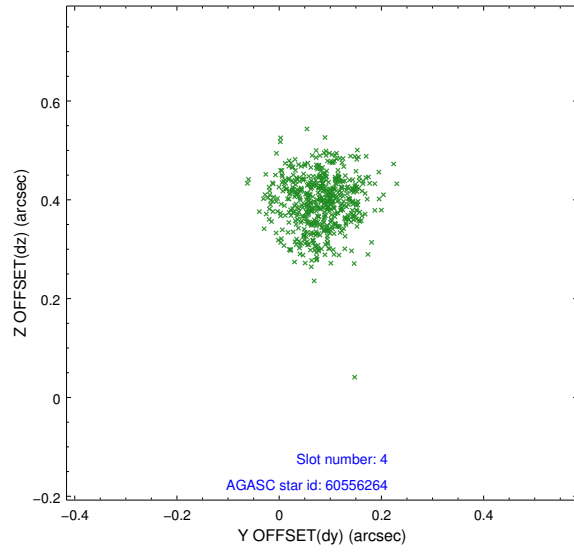


## 2.4 Star Slots

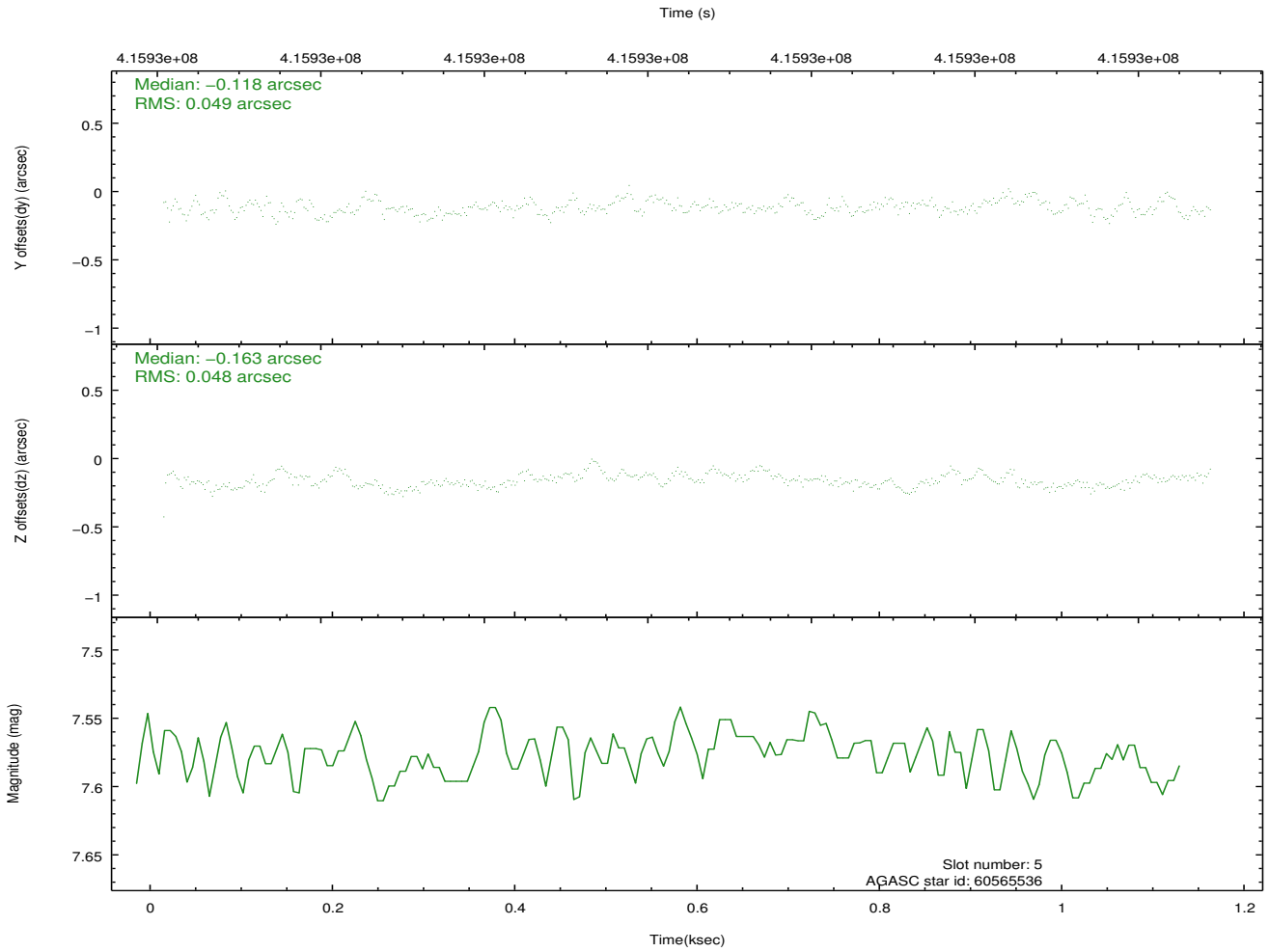
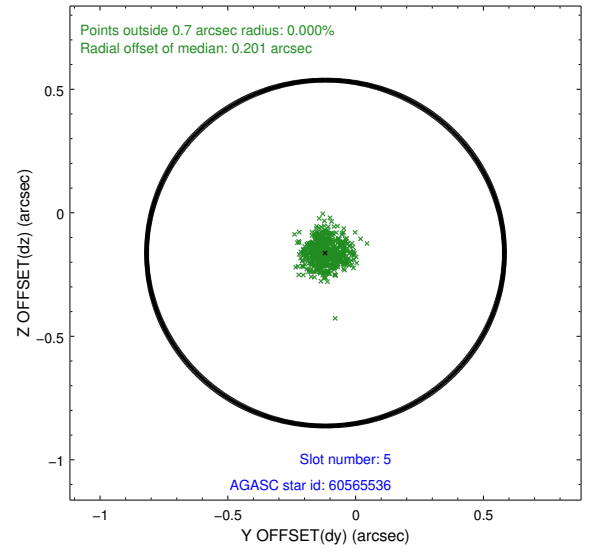
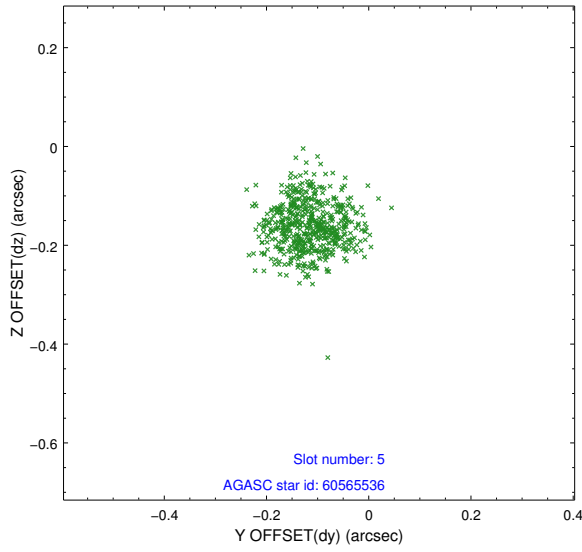
### 2.4.1 Slot 3



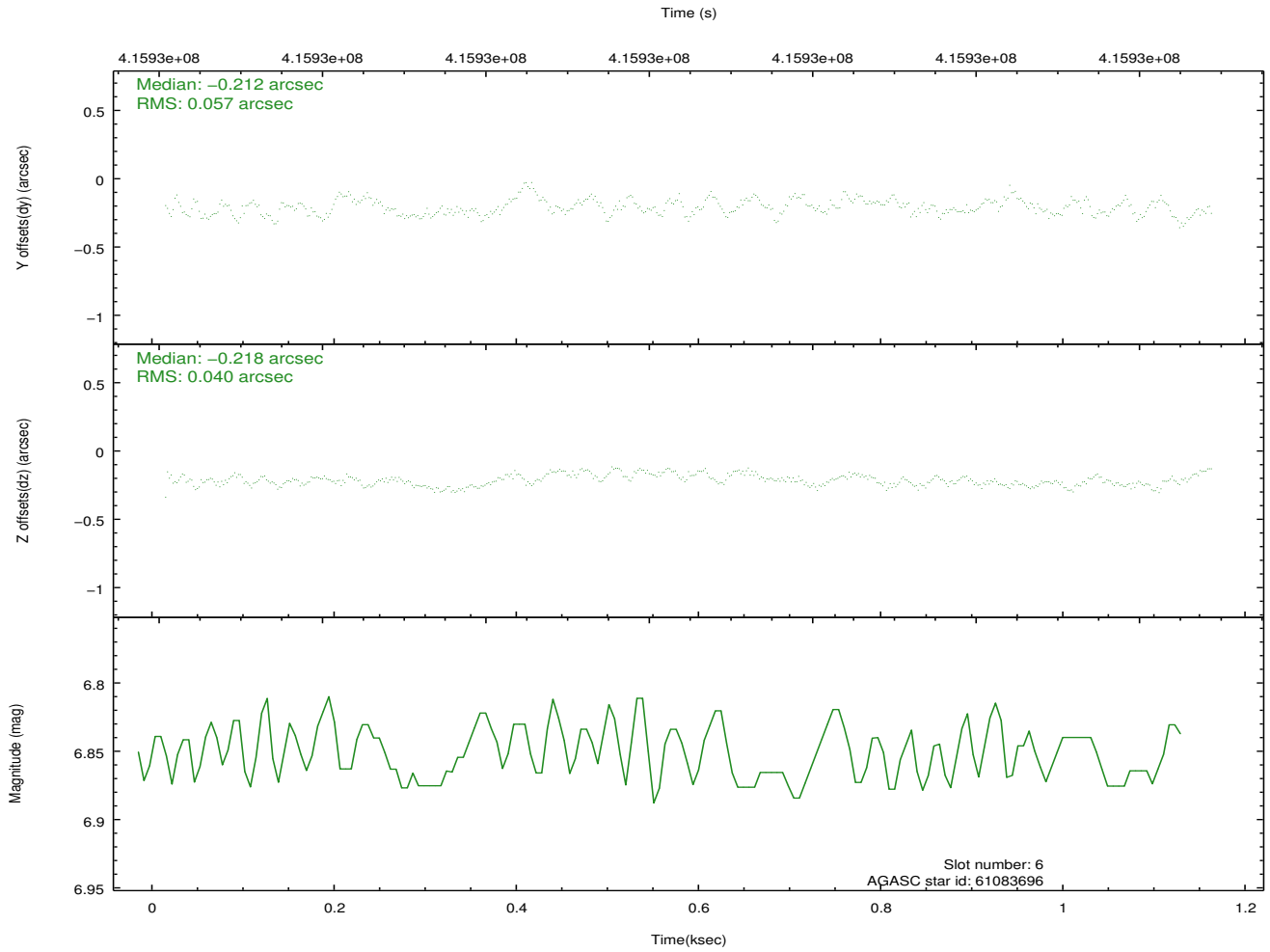
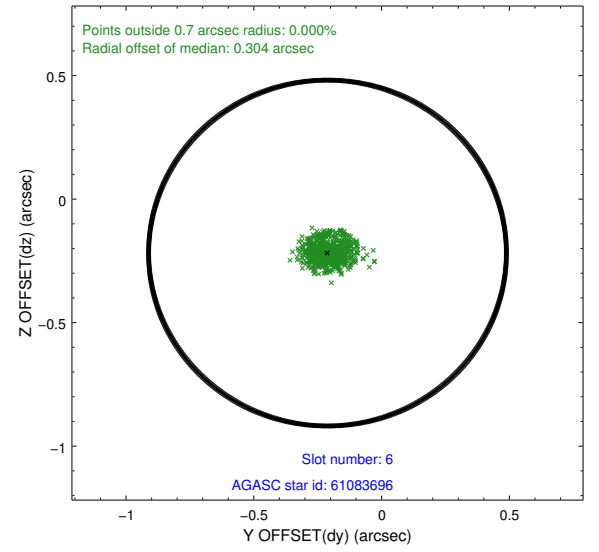
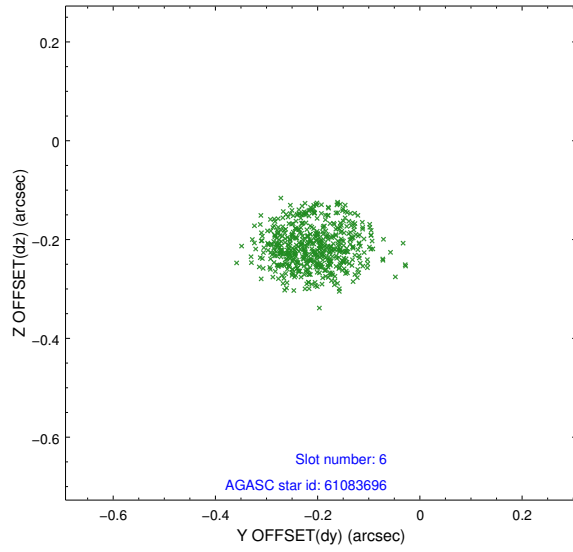
## 2.4.2 Slot 4



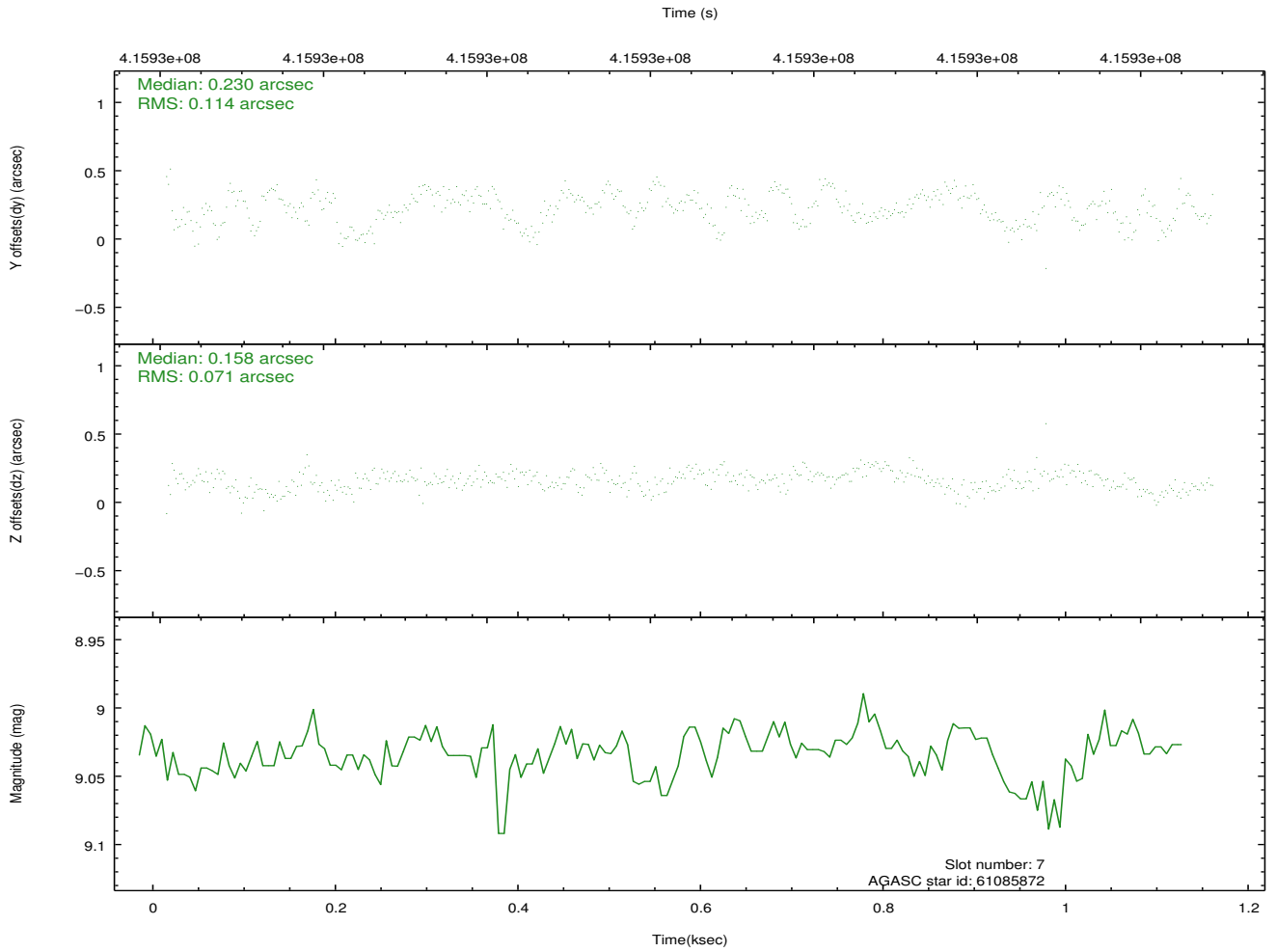
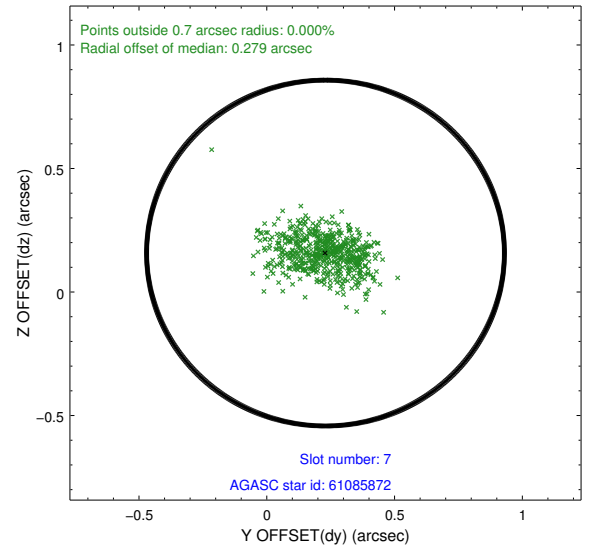
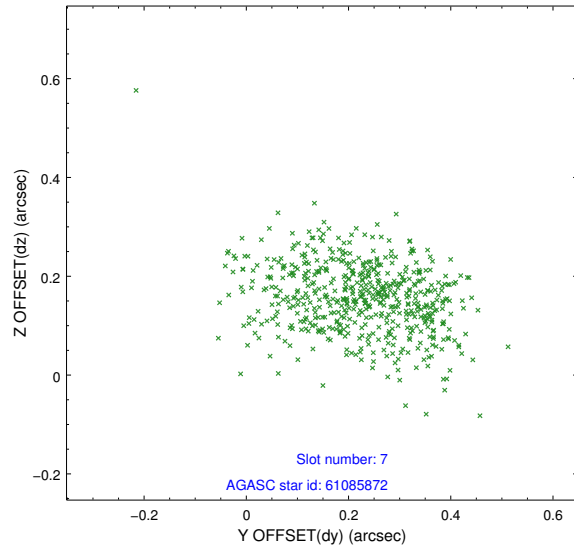
### 2.4.3 Slot 5



## 2.4.4 Slot 6

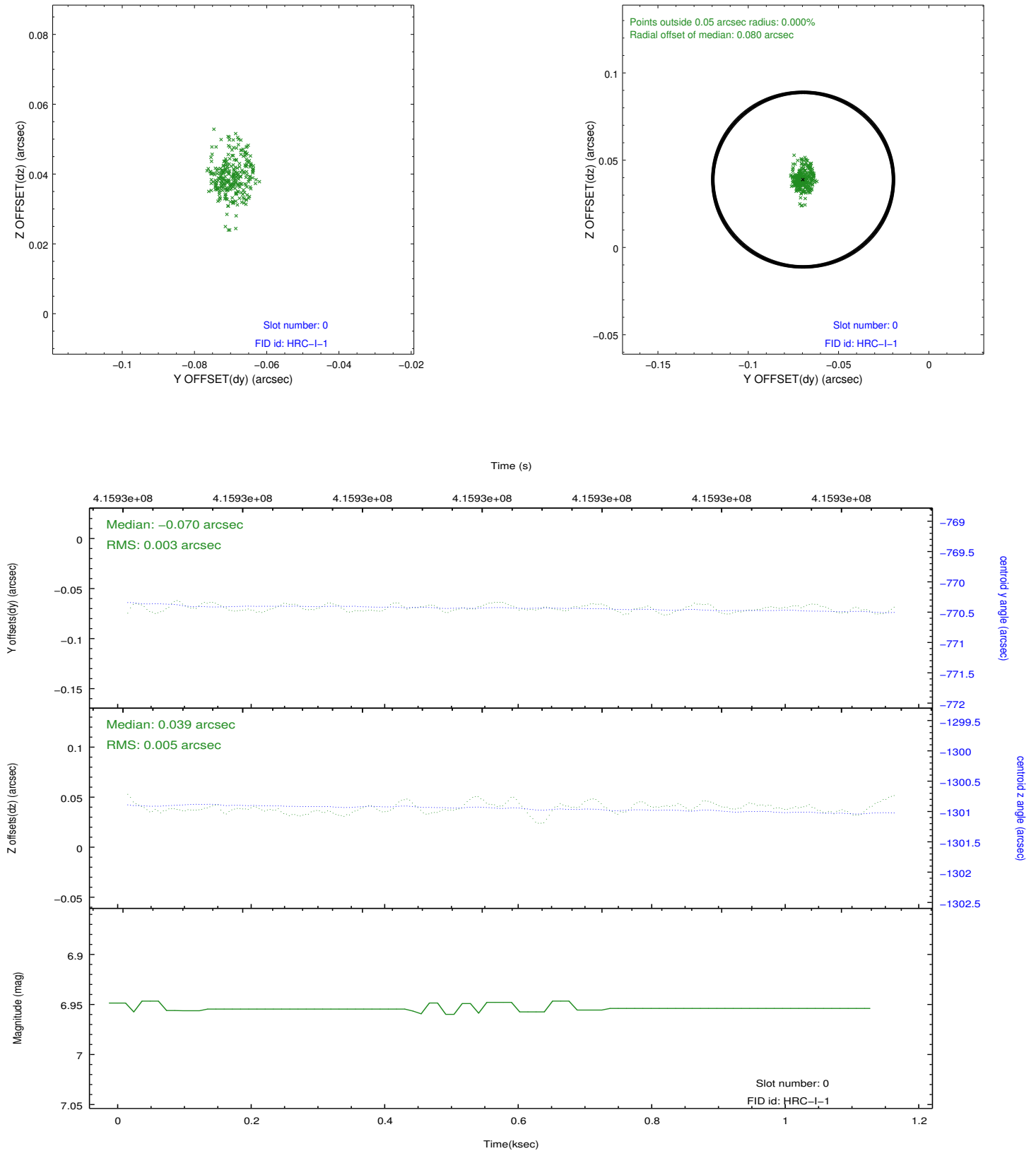


## 2.4.5 Slot 7

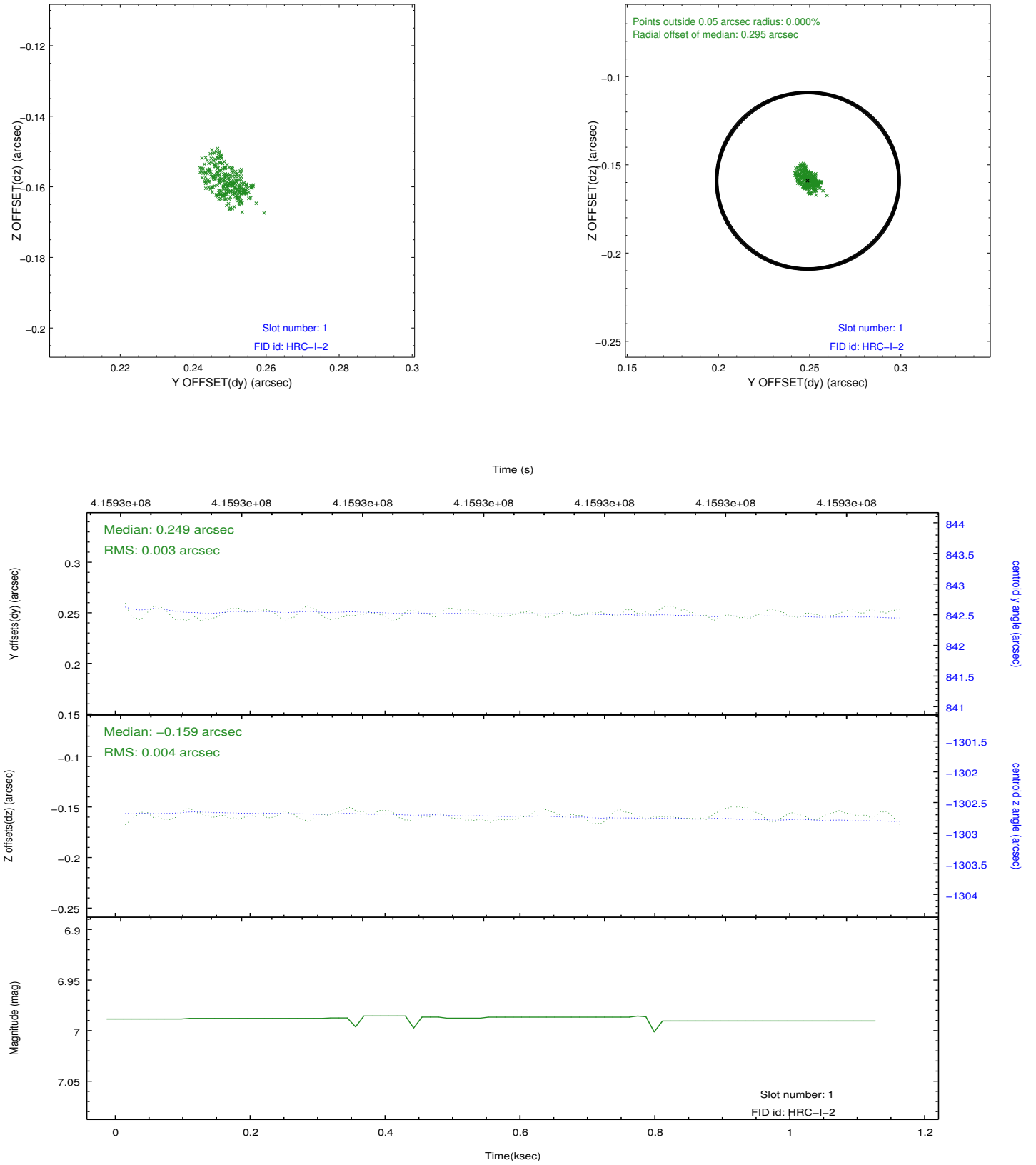


## 2.5 FID Slots

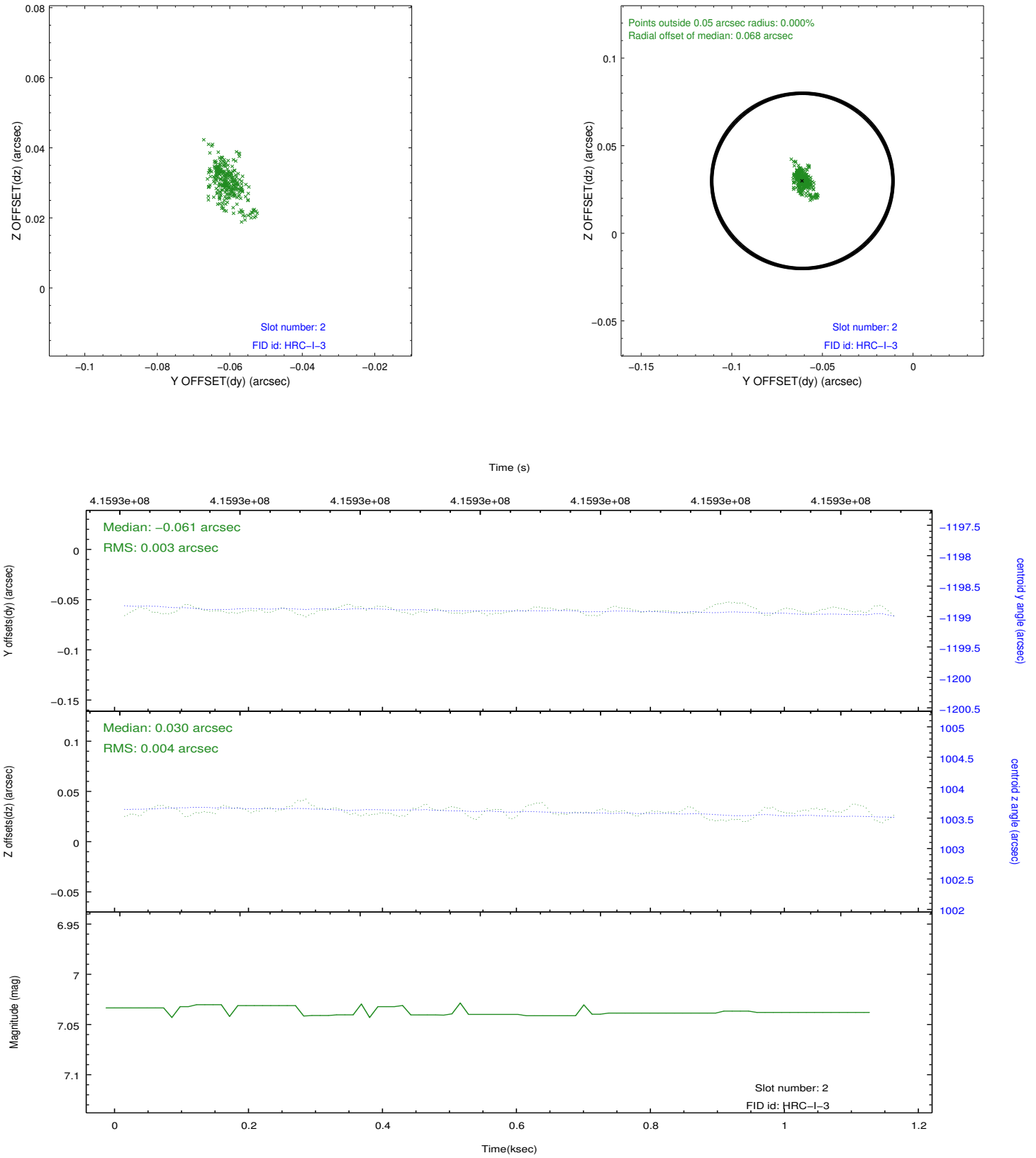
### 2.5.1 Slot 0



## 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)	2012.07.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1472313094735

### A.2 Comments