

# V&V Reference Report

## L2 ASCDS Version : 8.4.4

Observation 7542 - L2 Version 3  
Chandra X-Ray Center

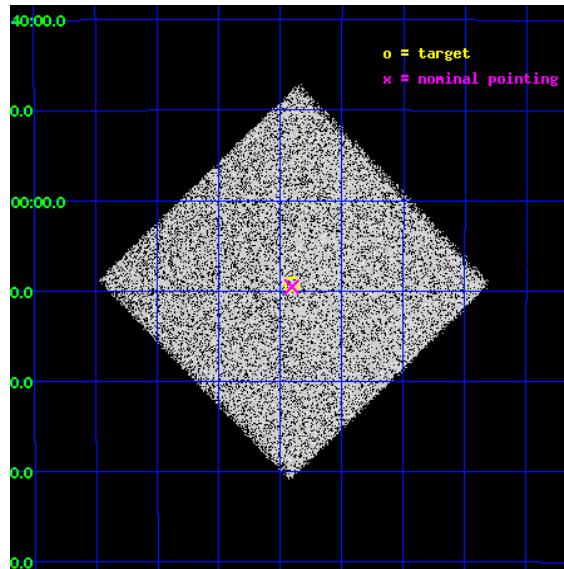
L2 Processing Date : Aug 12 2012

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# 1 Front

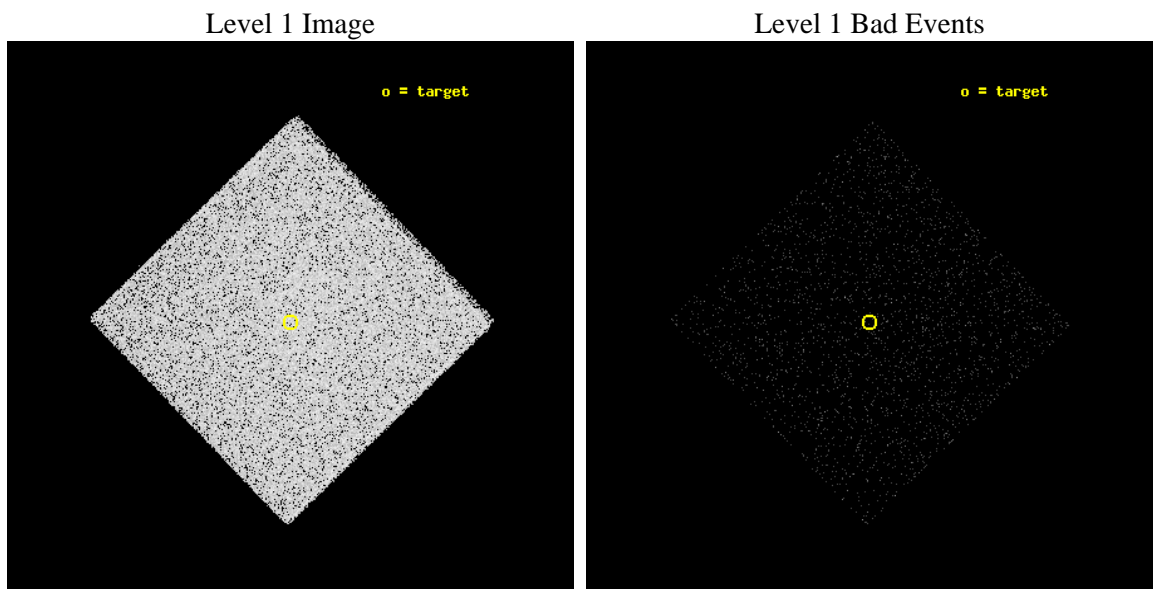
seq_num	400652	Sequence number
obs_id	7542	Observation id
title	Faint persistent X-ray sources in the Galactic Bulge	Proposal titl
observer	Dr. Marc Klein-Wolt	Principal investigator
object	RXS J180824.5	Source name
ra_targ	272.102083	Observer's specified target RA [deg]
dec_targ	-23.154889	Observer's specified target Dec [deg]
ra_nom	272.10158487845	Nominal RA [deg]
dec_nom	-23.159266687043	Nominal Dec [deg]
roll_nom	270.91968495695	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1192.3313074112	[s]
livetime	1180.0617965864	Ontime multiplied by DTCOR
l2events	73514	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	1007.482000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1192.3313074112	[s]
caldbver	4.5.1.1	&#160	l1events	141224	Number of level 1 events
date	2012-08-12T06:29:33	Date and time of file creation			
revision	3	Processing version of data			

### 2.1.3 Events

#### Level 1 Events

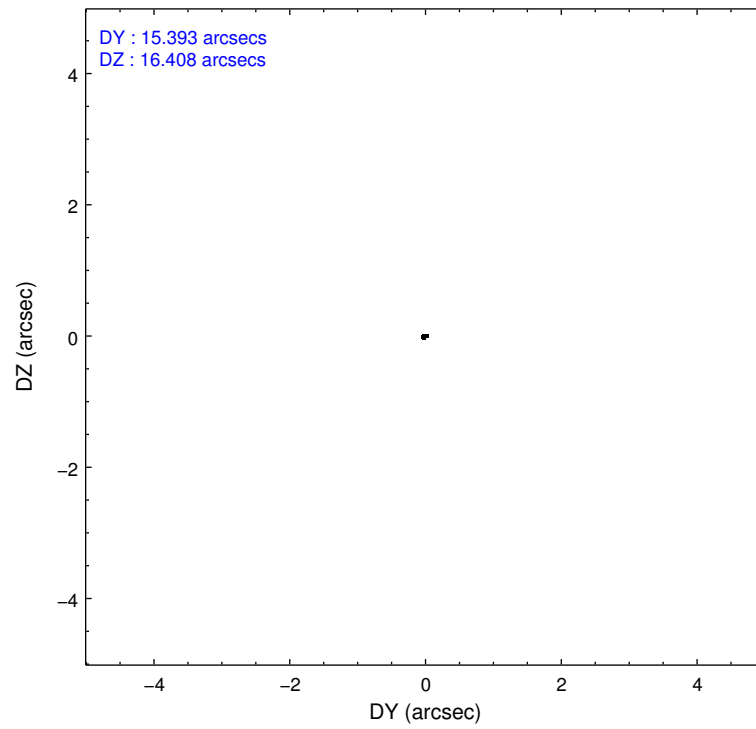
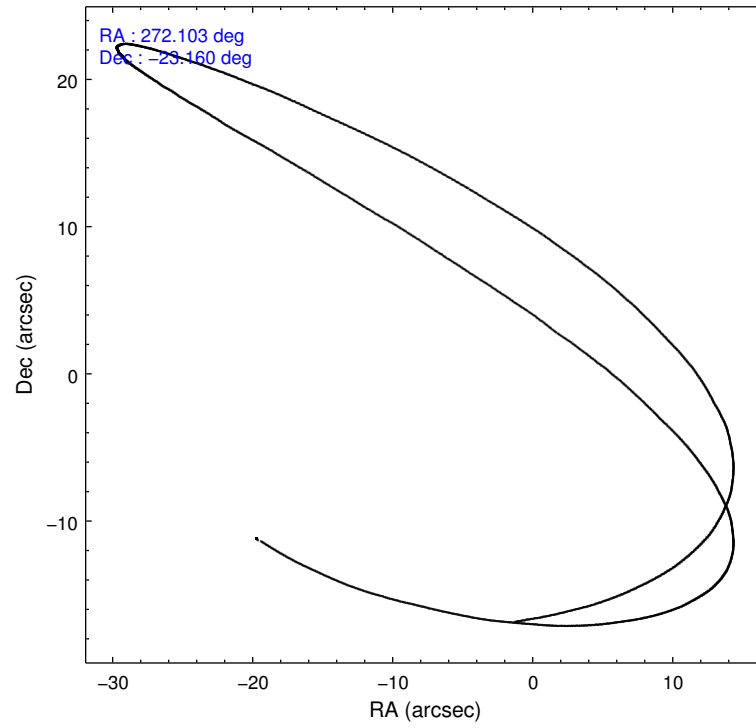
	<b>segment 0</b>
level 1 events	141224
rejected events	34296
rejected %	24%

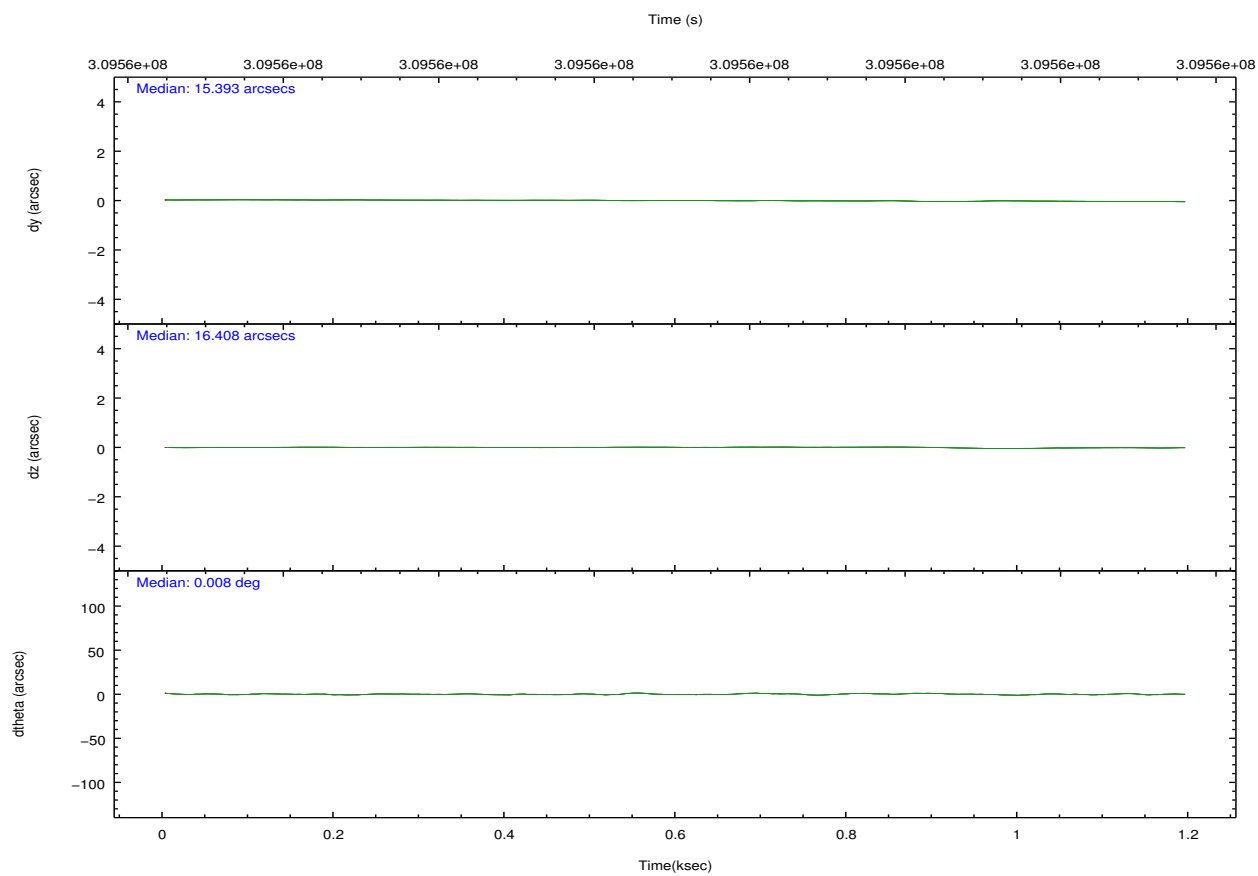
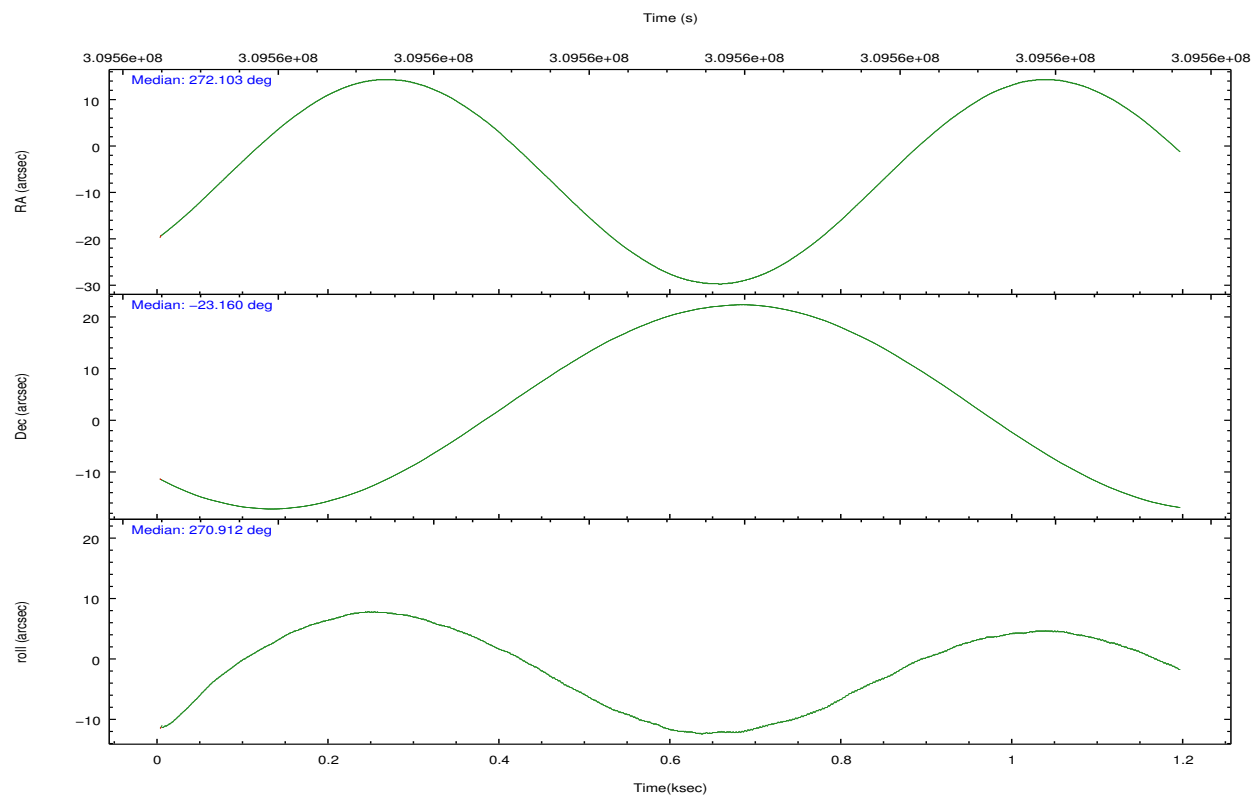
## 2.2 Compared Parameters

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	272.084681	272.1015848784469
[deg] Pointing Dec	-23.135831	-23.15926668704332
[deg] Pointing Roll	271.008567	270.9196849569477
[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)	309558301.184000	309557920.05171
Observation start date	2007-10-23T20:23:56	2007-10-23T20:18:40
[s] Observation end time (MET)	309559309.184000	309559503.67678
Observation end date	2007-10-23T20:40:44	2007-10-23T20:45:03

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

## 2.3 Aspect





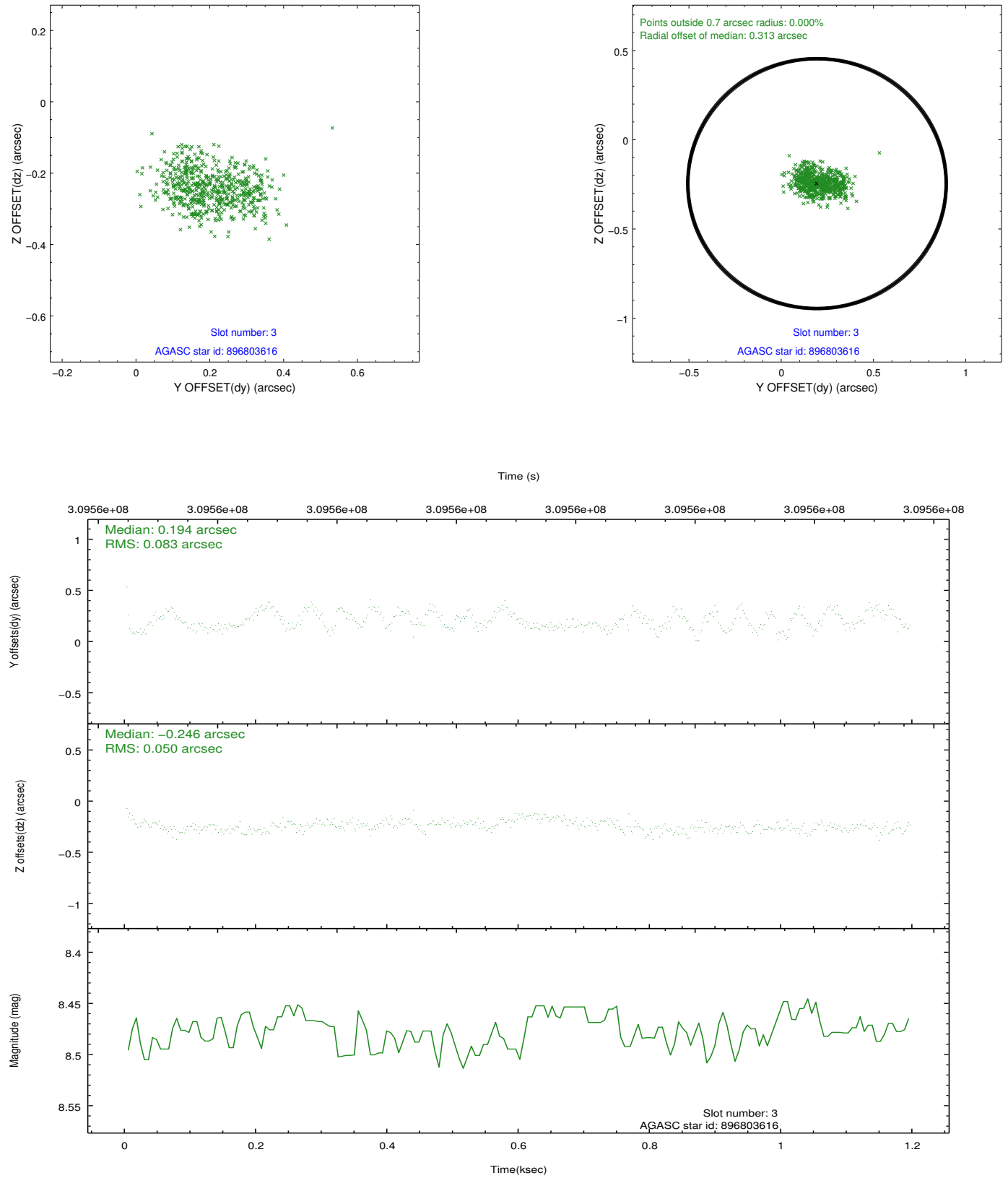
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	291	-0.065	0.005	0.007	0.012	0.000000	0.000000	-771.26	-1304.52
1	FID	HRC-I-2	7.01	292	0.194	-0.094	0.007	0.013	0.000000	0.000000	838.99	-1310.65
2	FID	HRC-I-3	7.06	291	-0.010	-0.000	0.008	0.013	0.000000	0.000000	-1196.82	995.53
3	GUIDE	896803616	8.48	582	0.194	-0.246	0.104	0.161	271.372352	-23.715538	2050.42	-2388.02
4	GUIDE	896805608	8.22	583	-0.115	0.143	0.078	0.120	271.958650	-22.879833	-926.44	-409.46
5	GUIDE	896803408	8.02	583	-0.031	0.078	0.073	0.125	271.939176	-23.105136	-121.44	-484.10
6	GUIDE	896930984	8.62	583	-0.015	0.060	0.064	0.105	272.530672	-23.752837	2247.44	1426.29
7	GUIDE	896939984	7.68	582	-0.045	-0.053	0.066	0.106	272.784593	-23.351112	823.46	2298.10

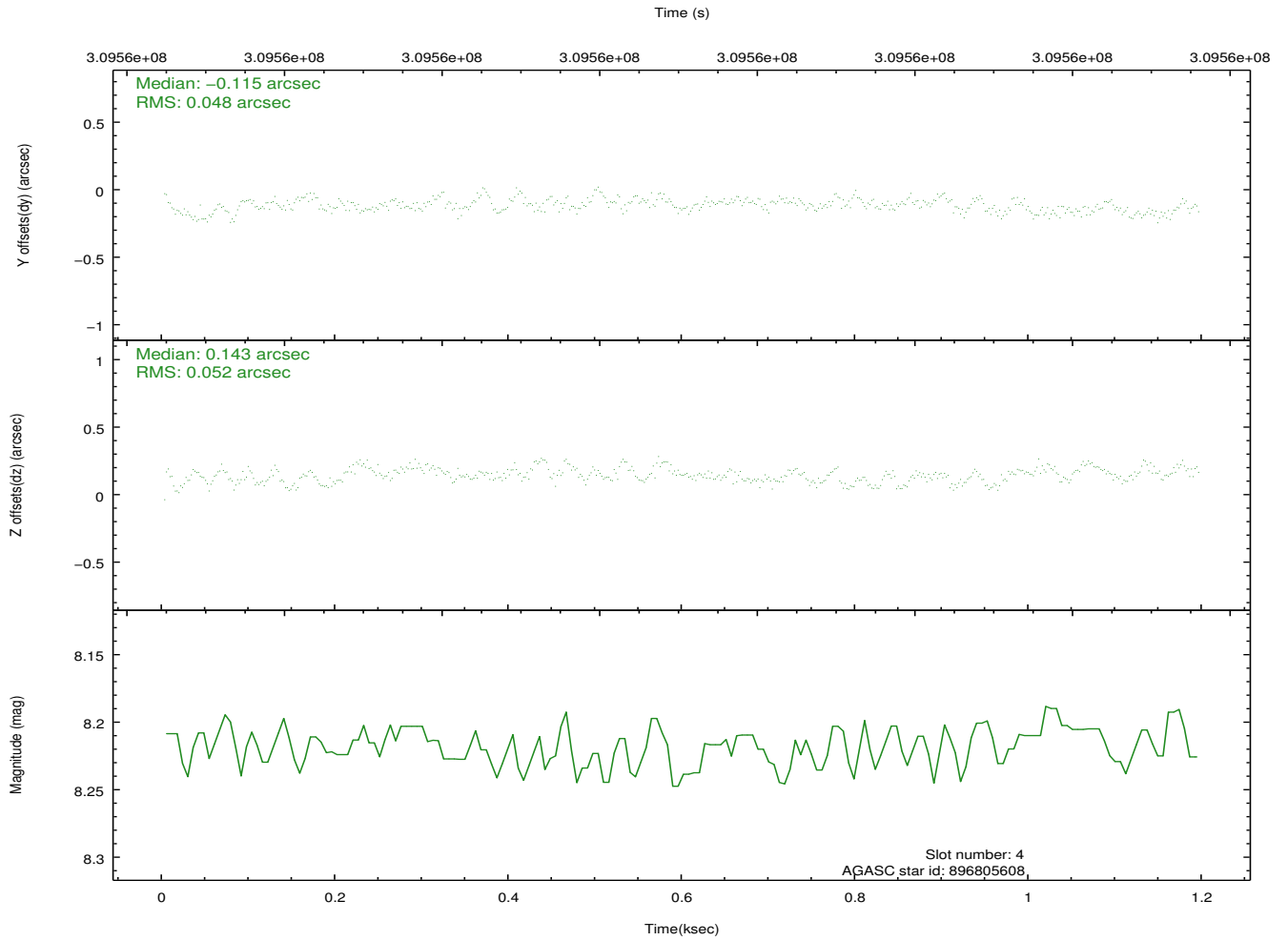
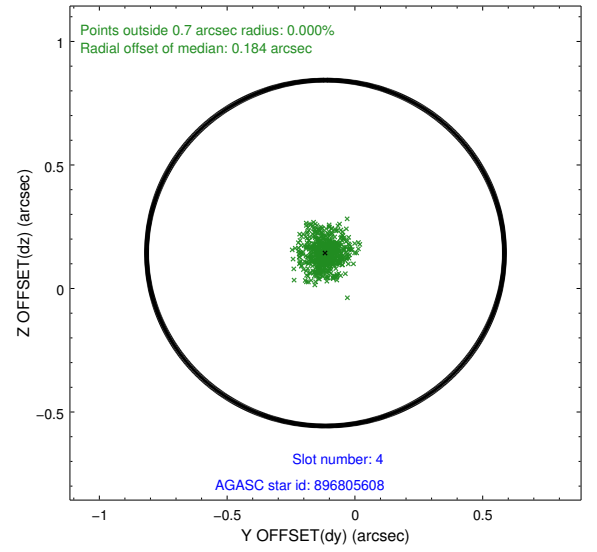
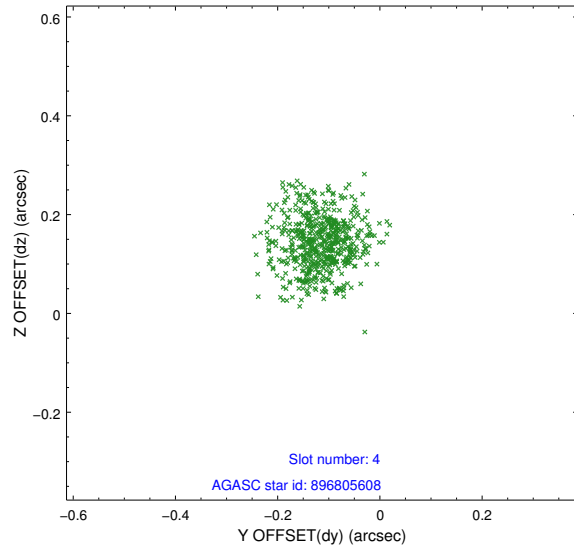


## 2.4 Star Slots

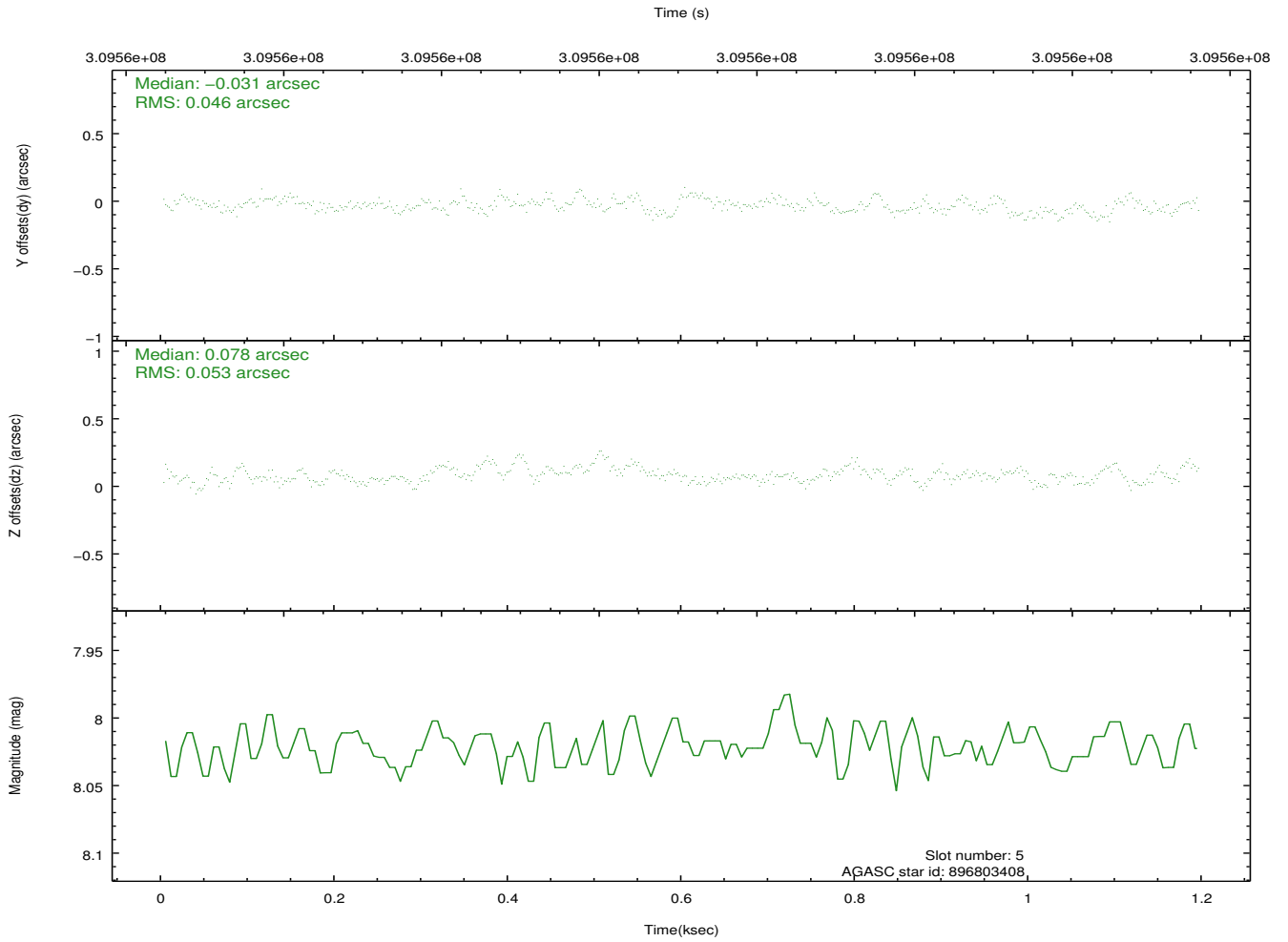
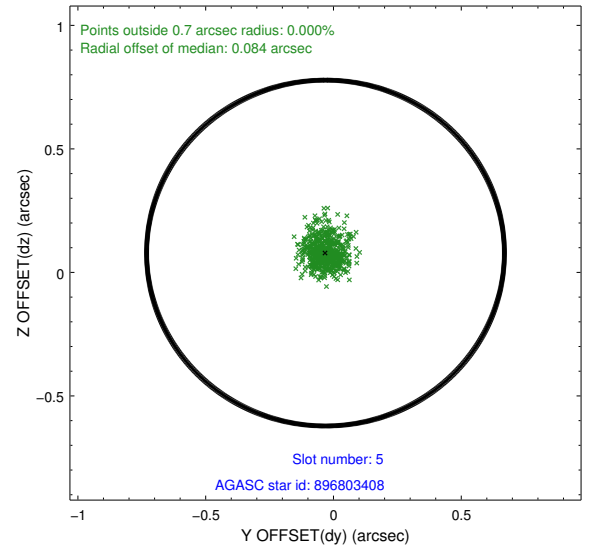
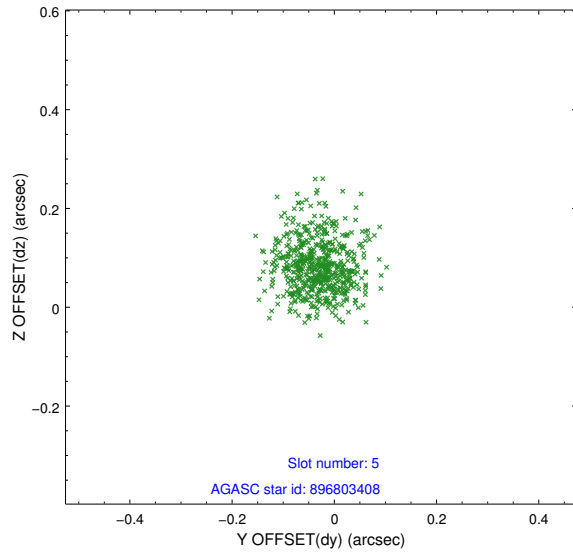
### 2.4.1 Slot 3



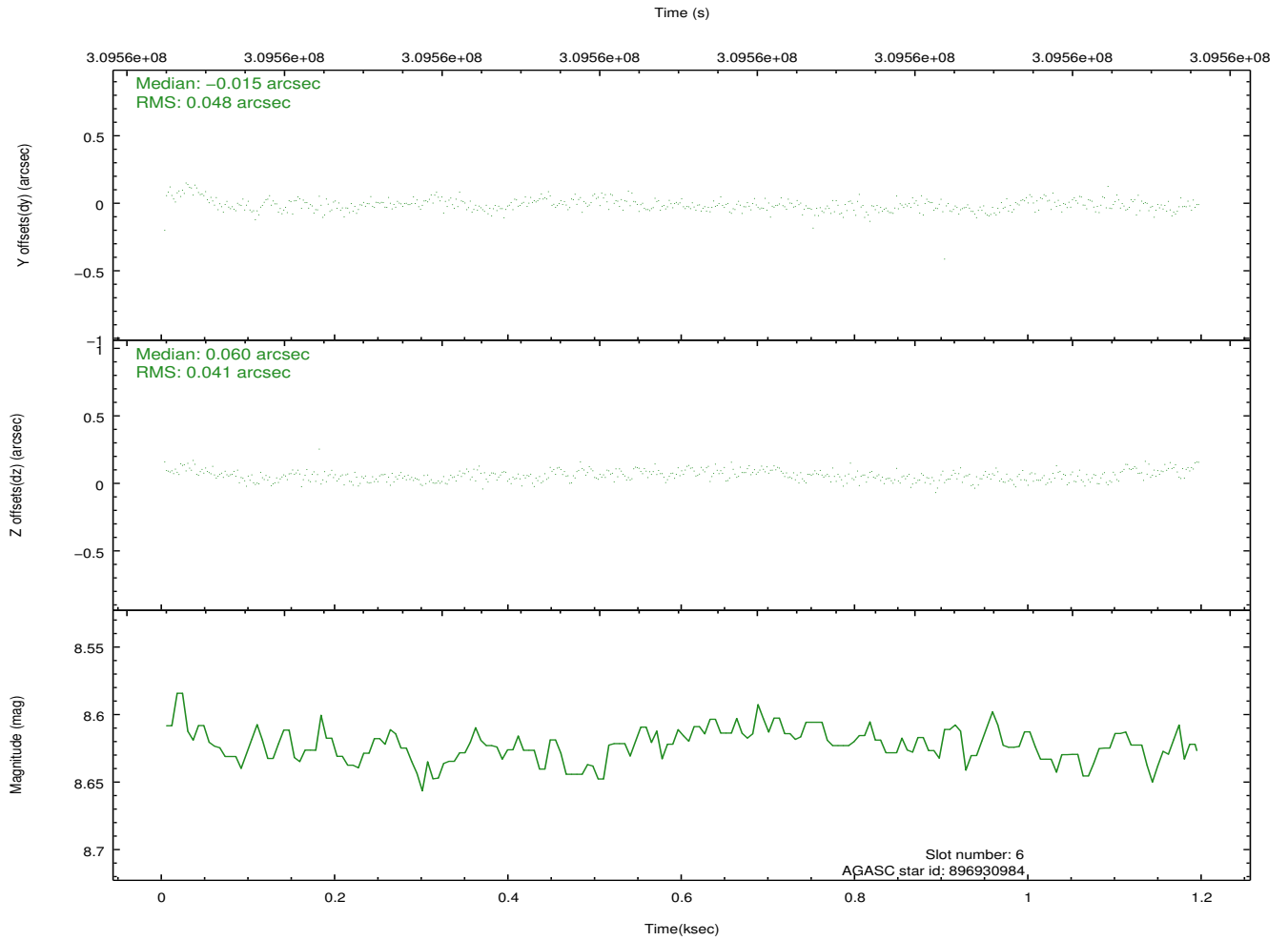
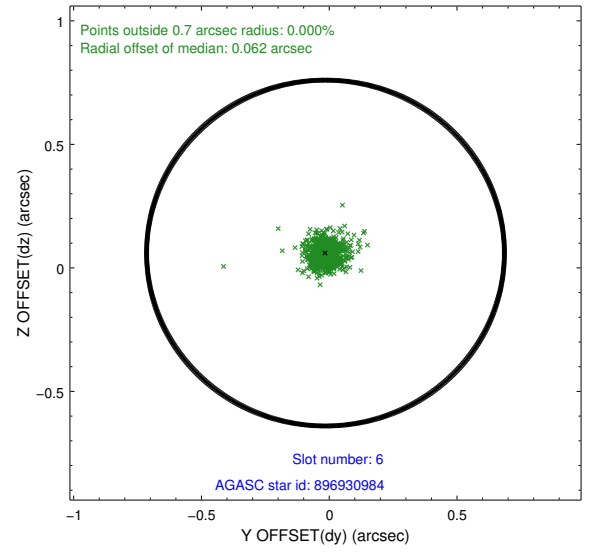
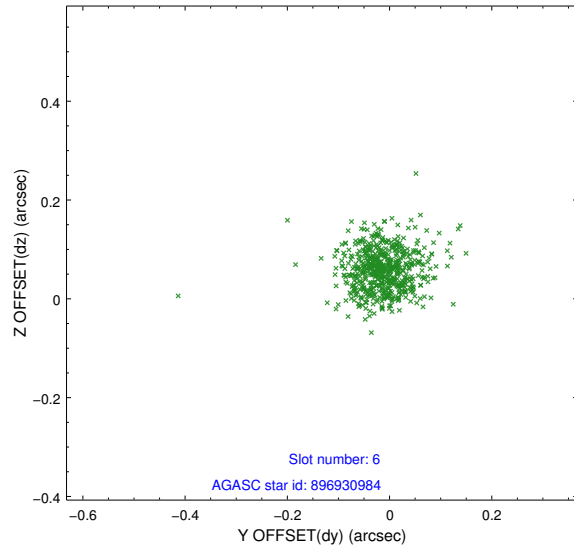
## 2.4.2 Slot 4



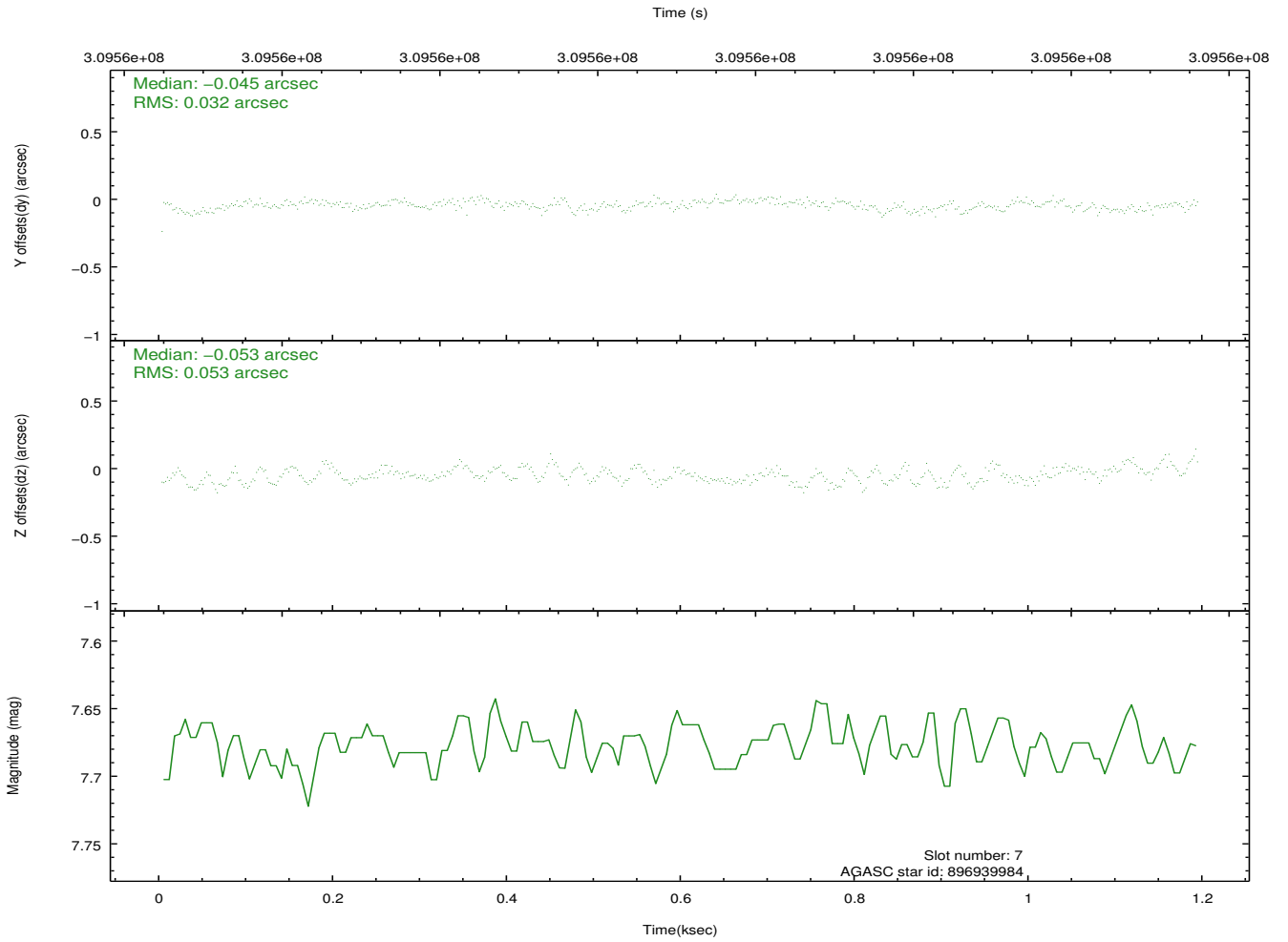
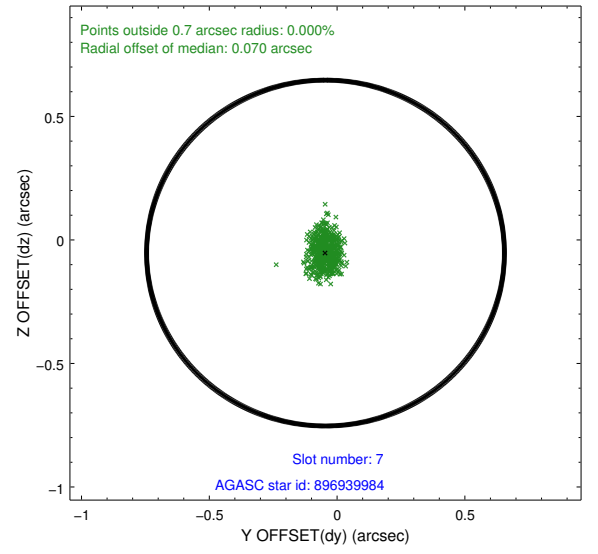
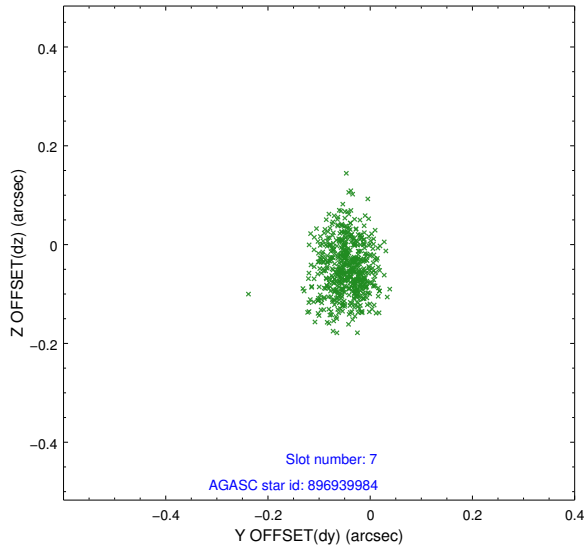
### 2.4.3 Slot 5



## 2.4.4 Slot 6

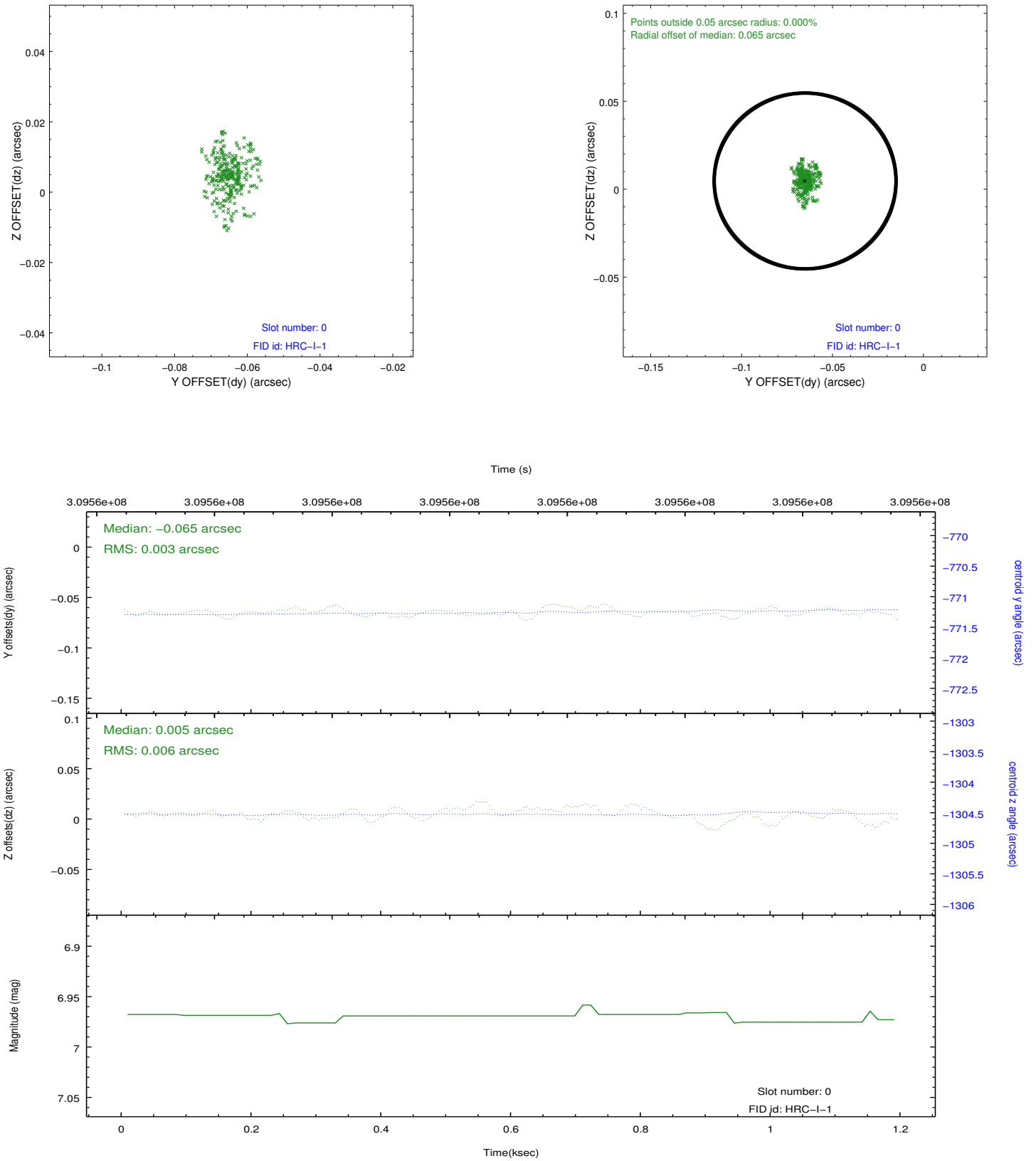


## 2.4.5 Slot 7

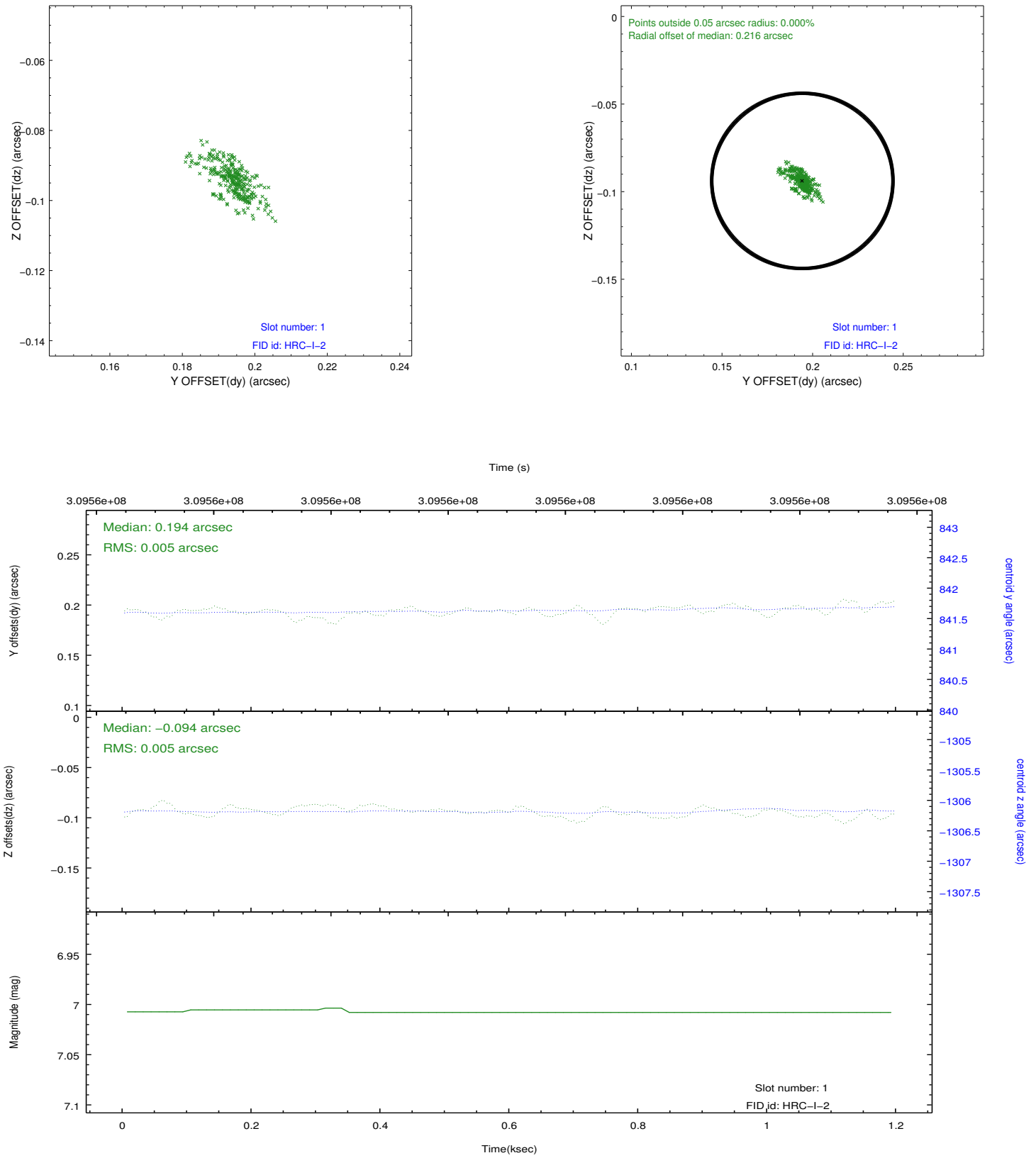


## 2.5 FID Slots

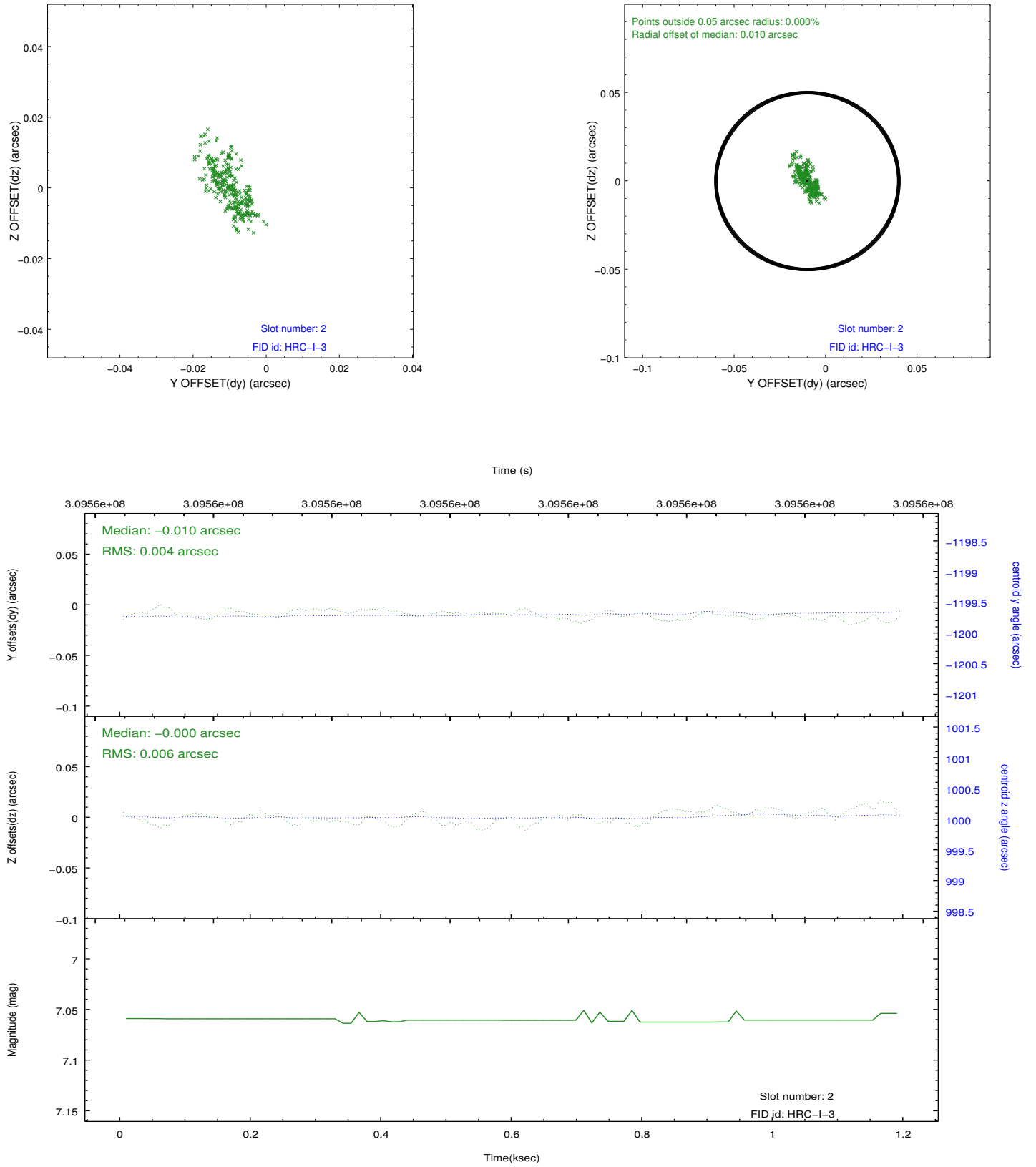
### 2.5.1 Slot 0



## 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)	2012.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1923313

### A.2 Comments