

# V&V Reference Report

## L2 ASCDS Version : 8.4.4

Observation 9031 - L2 Version 3  
Chandra X-Ray Center

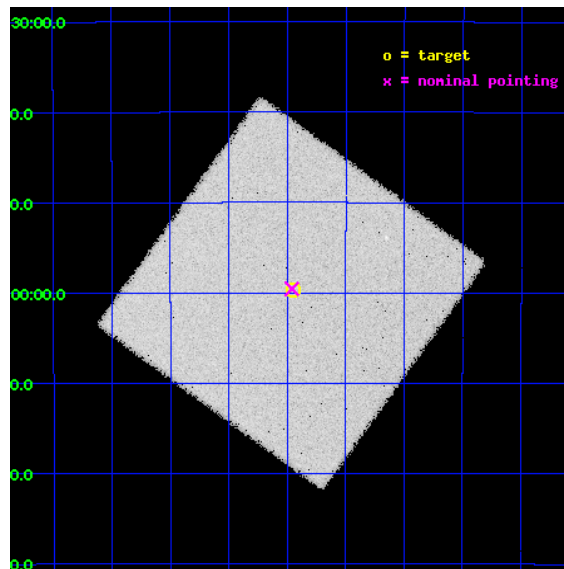
L2 Processing Date : Aug 12 2012

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# 1 Front

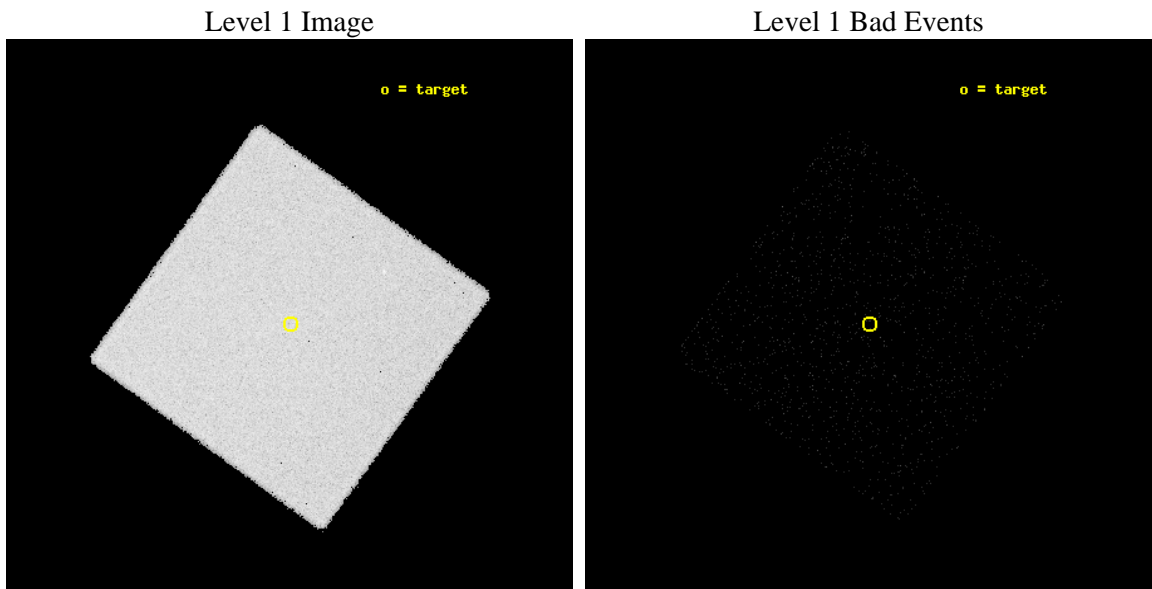
seq_num	400882	Sequence number
obs_id	9031	Observation id
title	Monitoring observations of the Galactic Center region	Proposal tit
observer	Dr. Rudy Wijnands	Principal investigator
object	GC-3	Source name
ra_targ	266.8625	Observer's specified target RA [deg]
dec_targ	-28.996167	Observer's specified target Dec [deg]
ra_nom	266.86504872983	Nominal RA [deg]
dec_nom	-28.992755435312	Nominal Dec [deg]
roll_nom	80.905733059726	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5189.8314928412	[s]
livetime	5135.9982928641	Ontime multiplied by DTCOR
l2events	323380	Number of level 2 events



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



### 2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5189.8315027952	[s]
caldbver	4.5.1.1	&#160	l1events	501783	Number of level 1 events
date	2012-08-12T12:34:52	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	501783
rejected events	29043
rejected %	5%

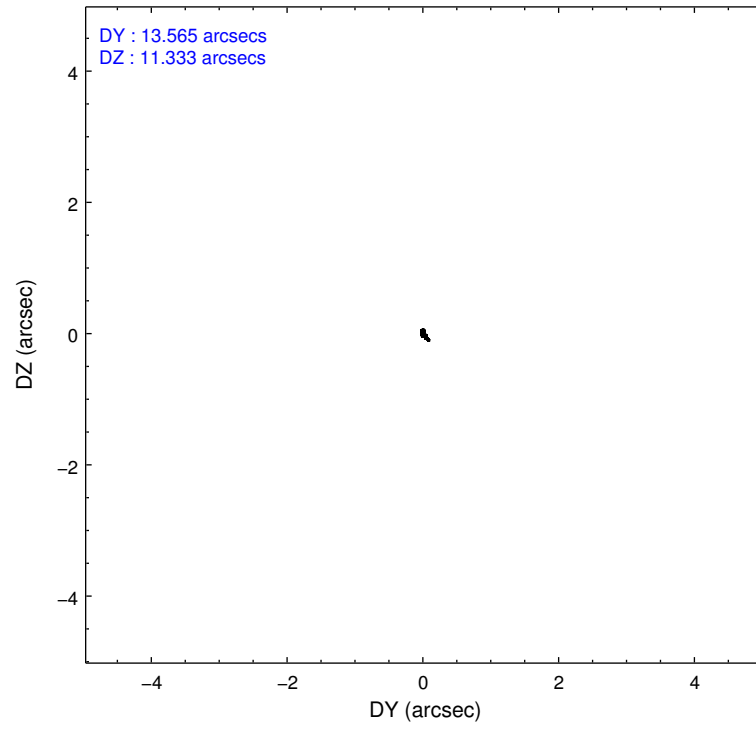
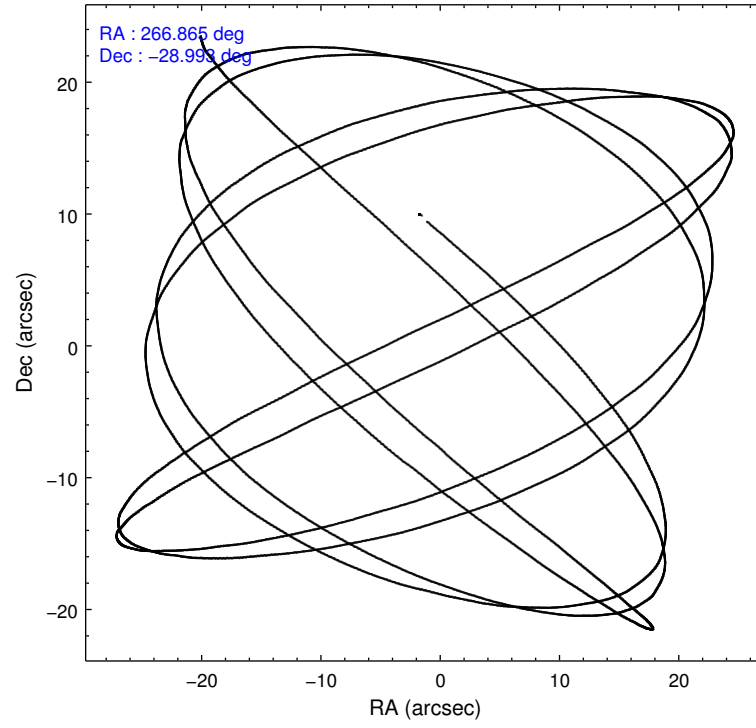


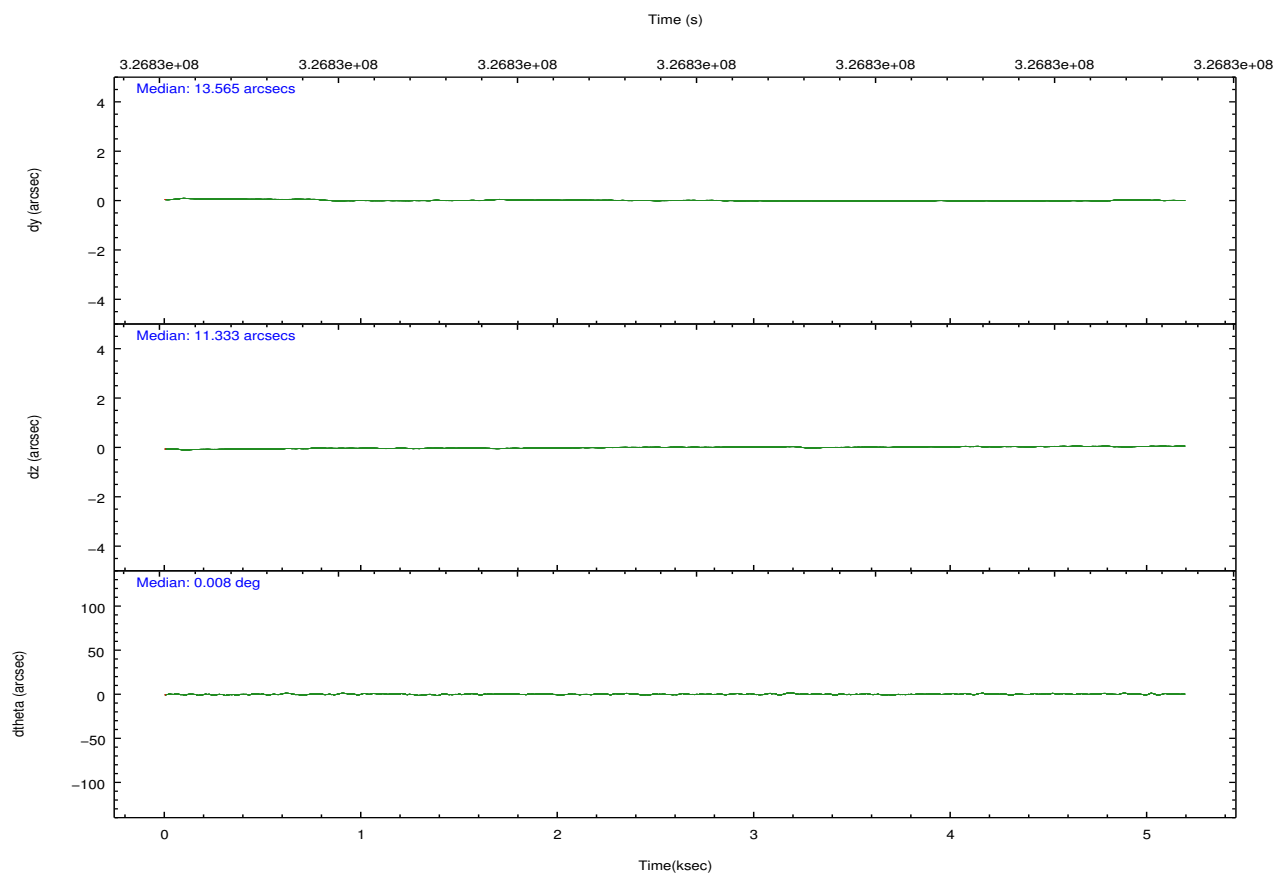
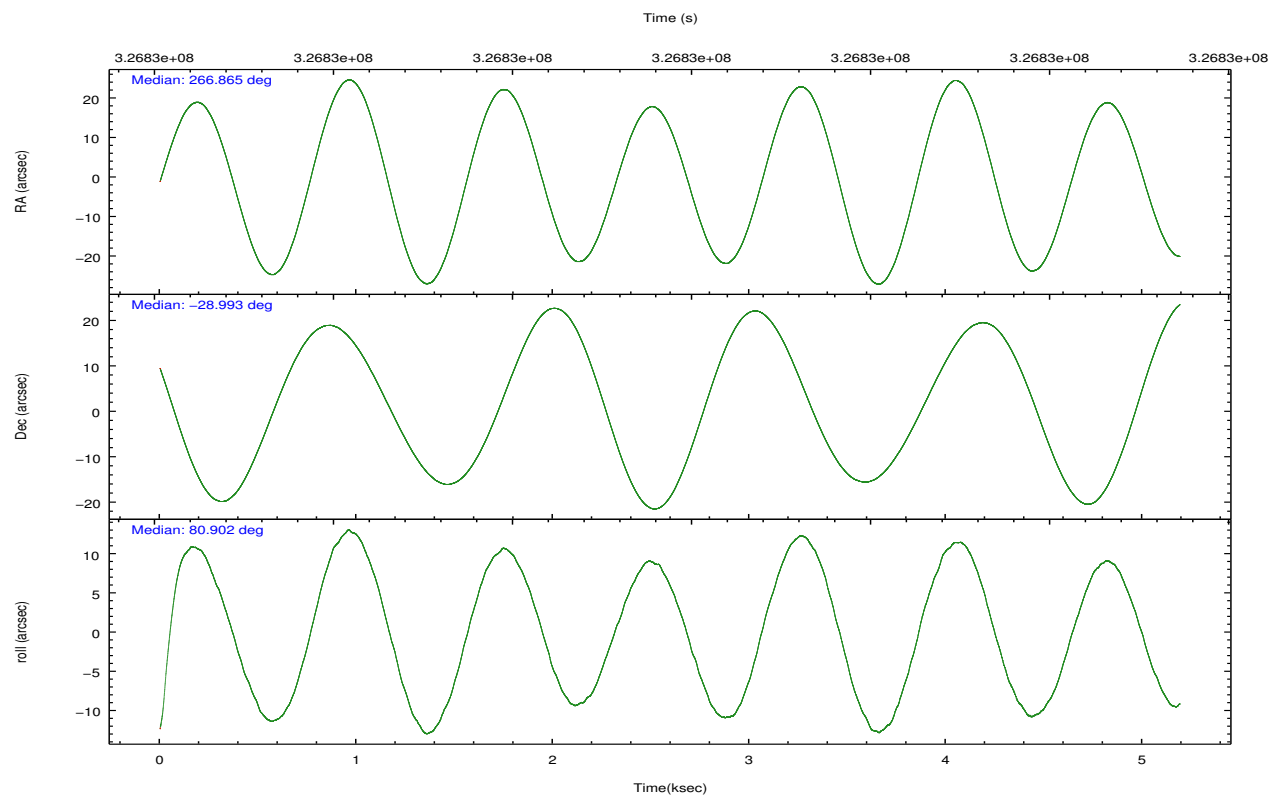
## 2.2 Compared Parameters

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	266.876736	266.8650487298319
[deg] Pointing Dec	-29.017708	-28.9927554353125
[deg] Pointing Roll	81.006902	80.90573305972589
[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)	326828484.184000	326828107.45175
Observation start date	2008-05-10T17:40:19	2008-05-10T17:35:07
[s] Observation end time (MET)	326833484.184000	326833617.85202
Observation end date	2008-05-10T19:03:39	2008-05-10T19:06:57

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

## 2.3 Aspect



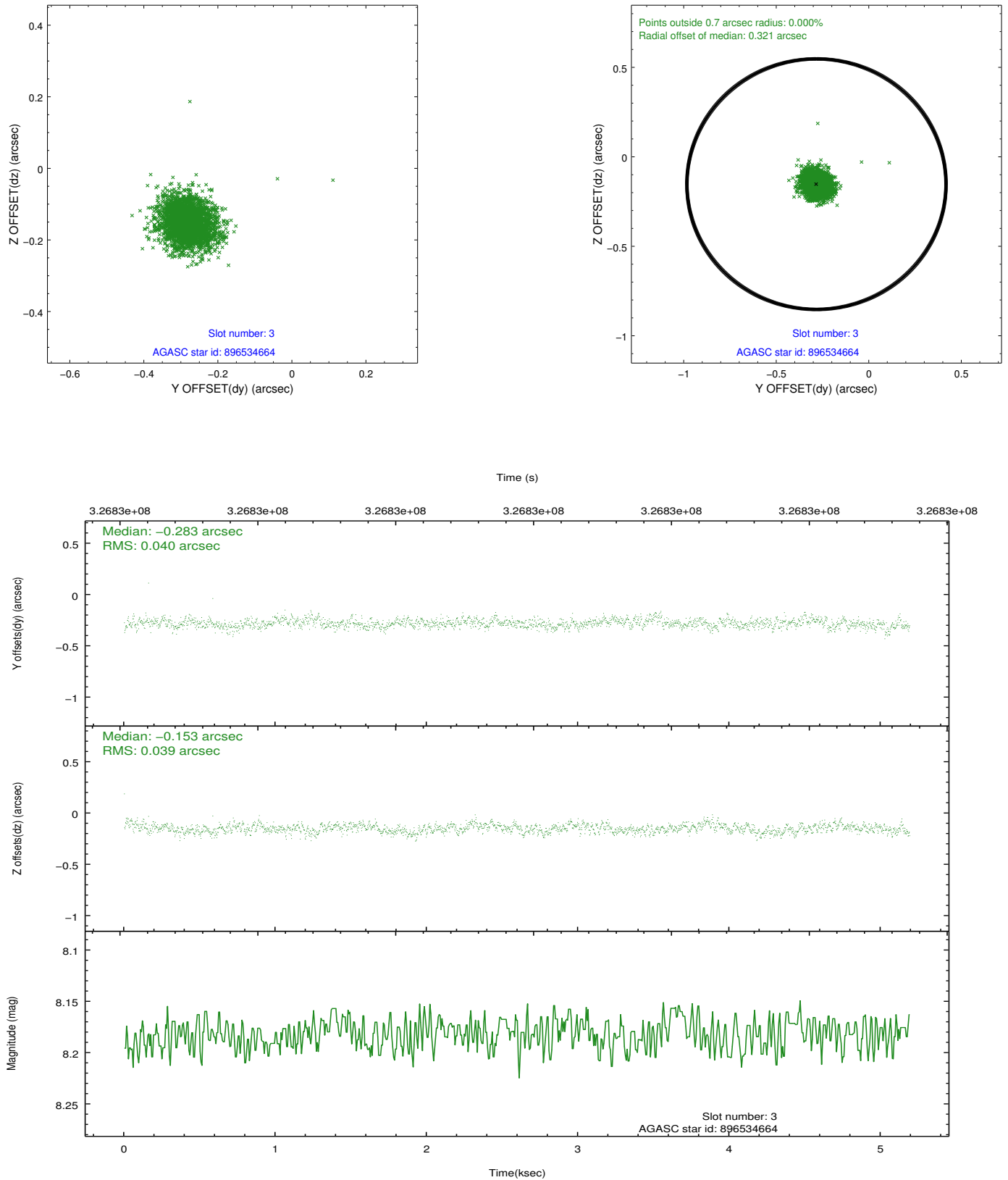


### Slot Statistics

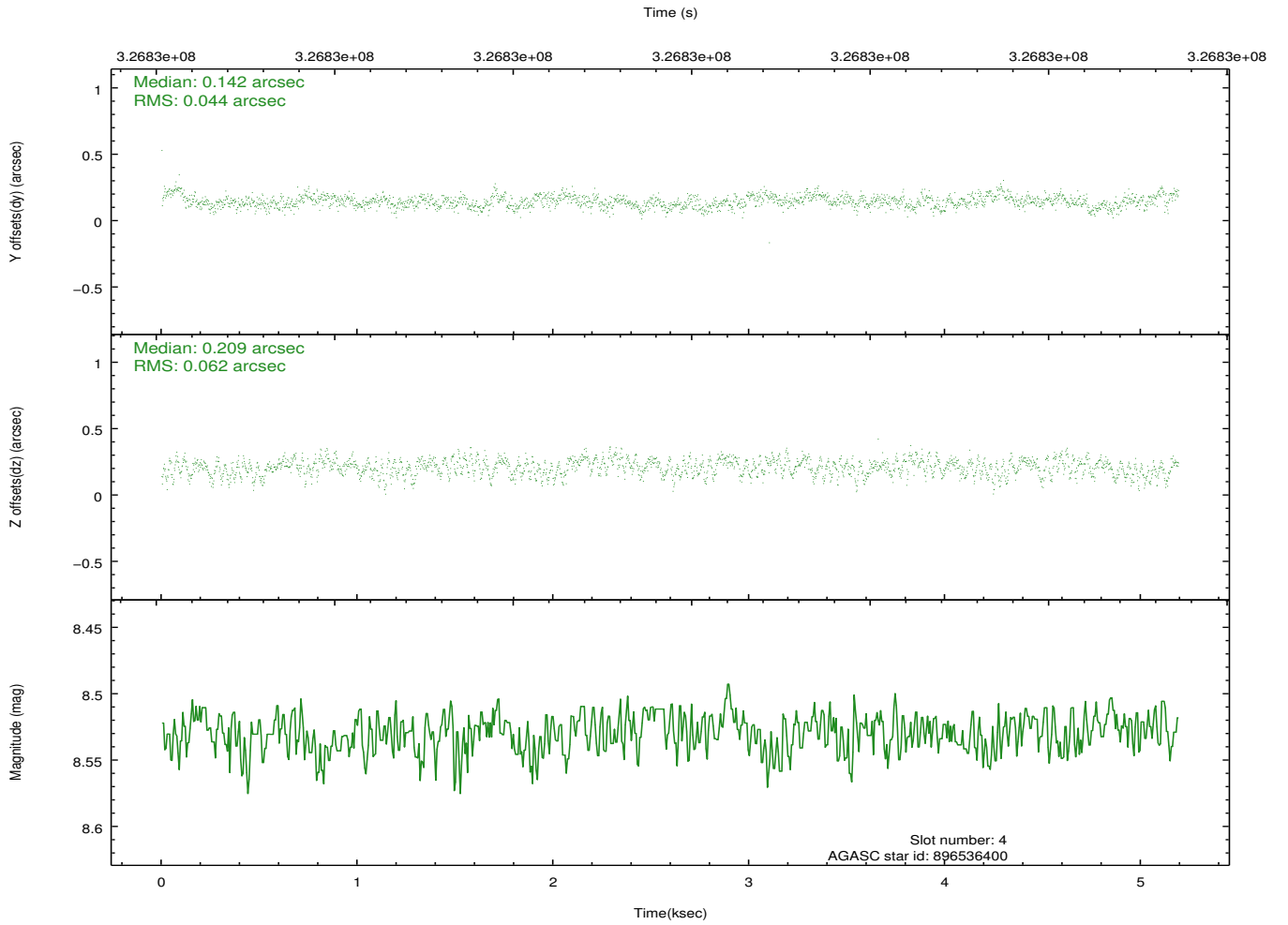
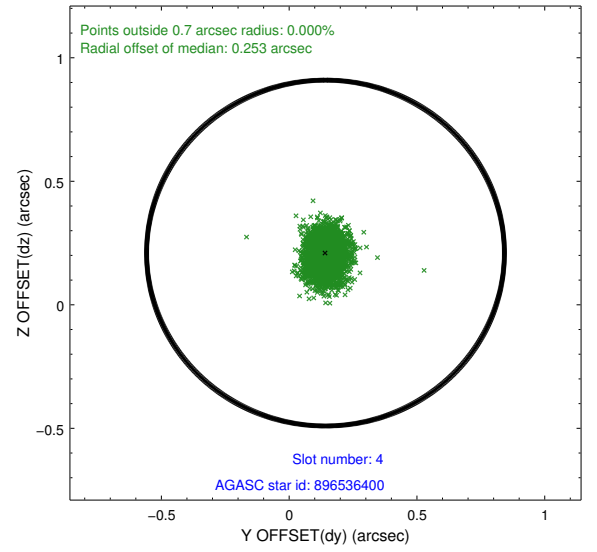
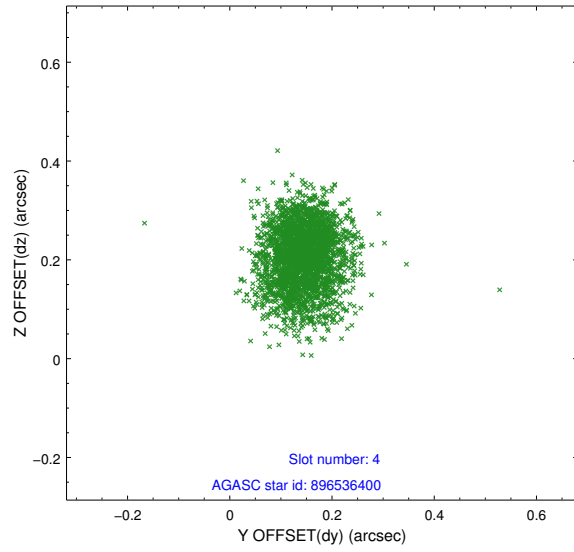
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	1267	-0.069	0.008	0.006	0.011	0.000000	0.000000	-769.38	-1299.31
1	FID	HRC-I-2	7.00	1267	0.213	-0.112	0.006	0.010	0.000000	0.000000	842.92	-1301.99
2	FID	HRC-I-3	7.06	1267	-0.025	0.015	0.006	0.010	0.000000	0.000000	-1197.20	1004.23
3	GUIDE	896534664	8.18	2533	-0.283	-0.153	0.058	0.096	266.405570	-28.407461	1934.16	1816.99
4	GUIDE	896536400	8.53	2531	0.142	0.209	0.080	0.132	267.359146	-29.438655	-1261.65	-1730.05
5	GUIDE	896538208	7.96	2533	0.020	0.182	0.059	0.096	267.176969	-28.671626	1378.00	-742.14
6	GUIDE	896538696	6.88	2533	-0.045	-0.233	0.061	0.097	266.298470	-28.325572	2171.41	2198.88
7	GUIDE	896533888	7.03	2531	0.160	-0.004	0.063	0.094	266.666434	-29.392757	-1435.49	441.53

## 2.4 Star Slots

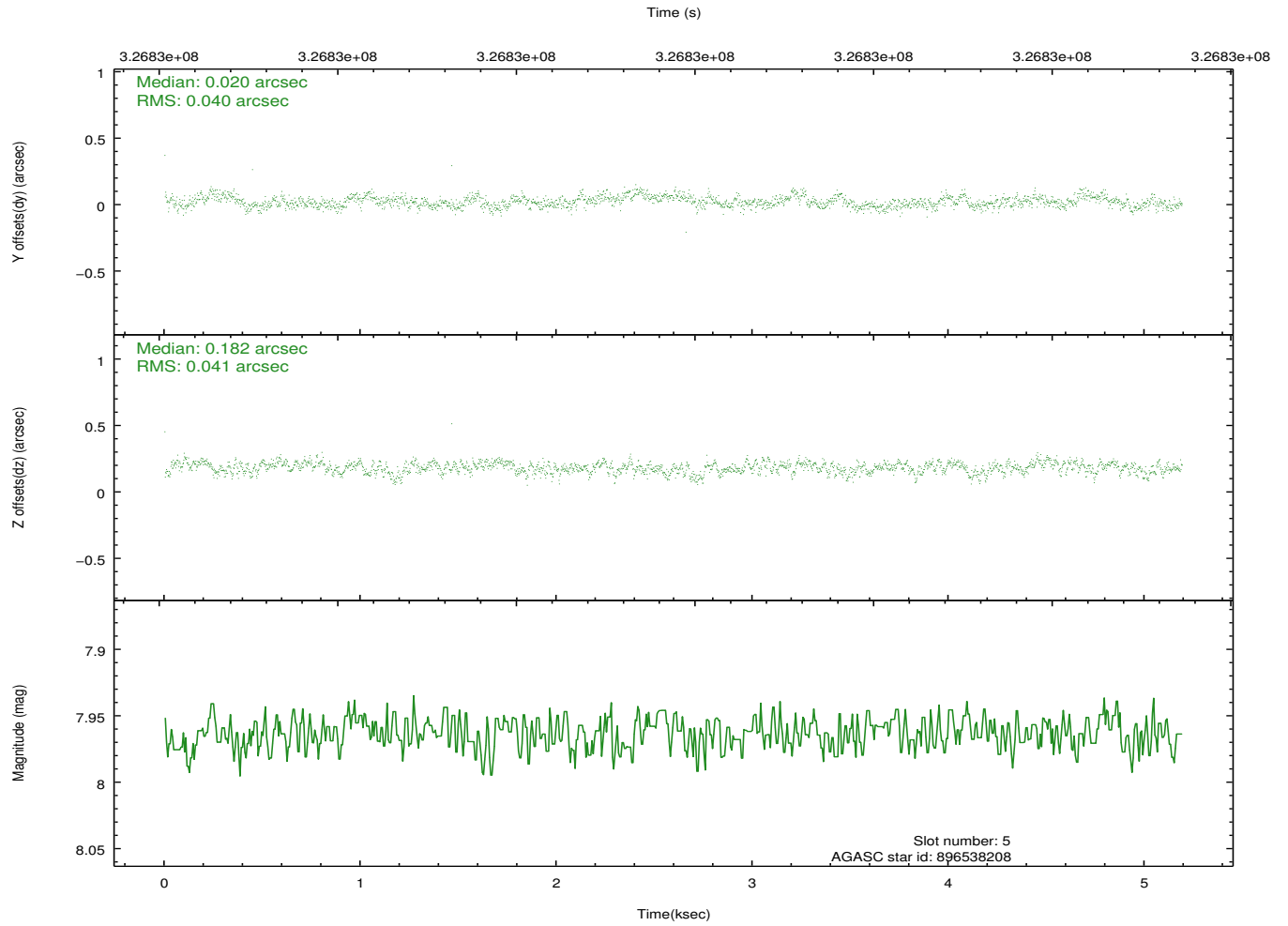
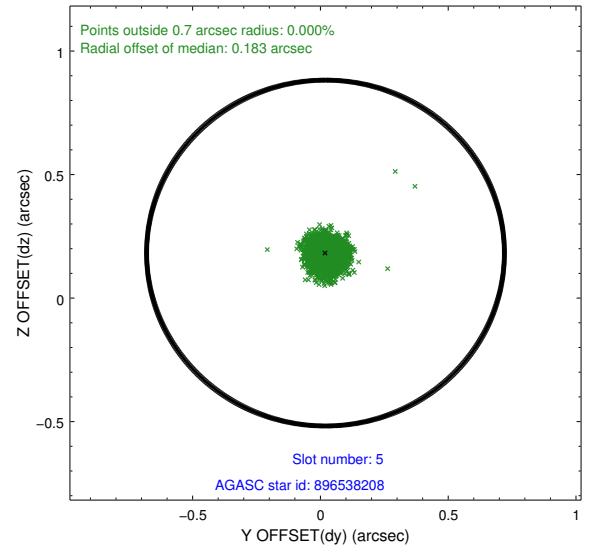
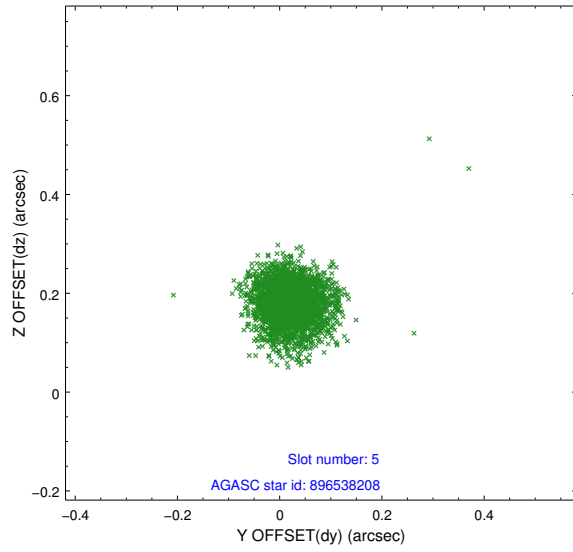
### 2.4.1 Slot 3



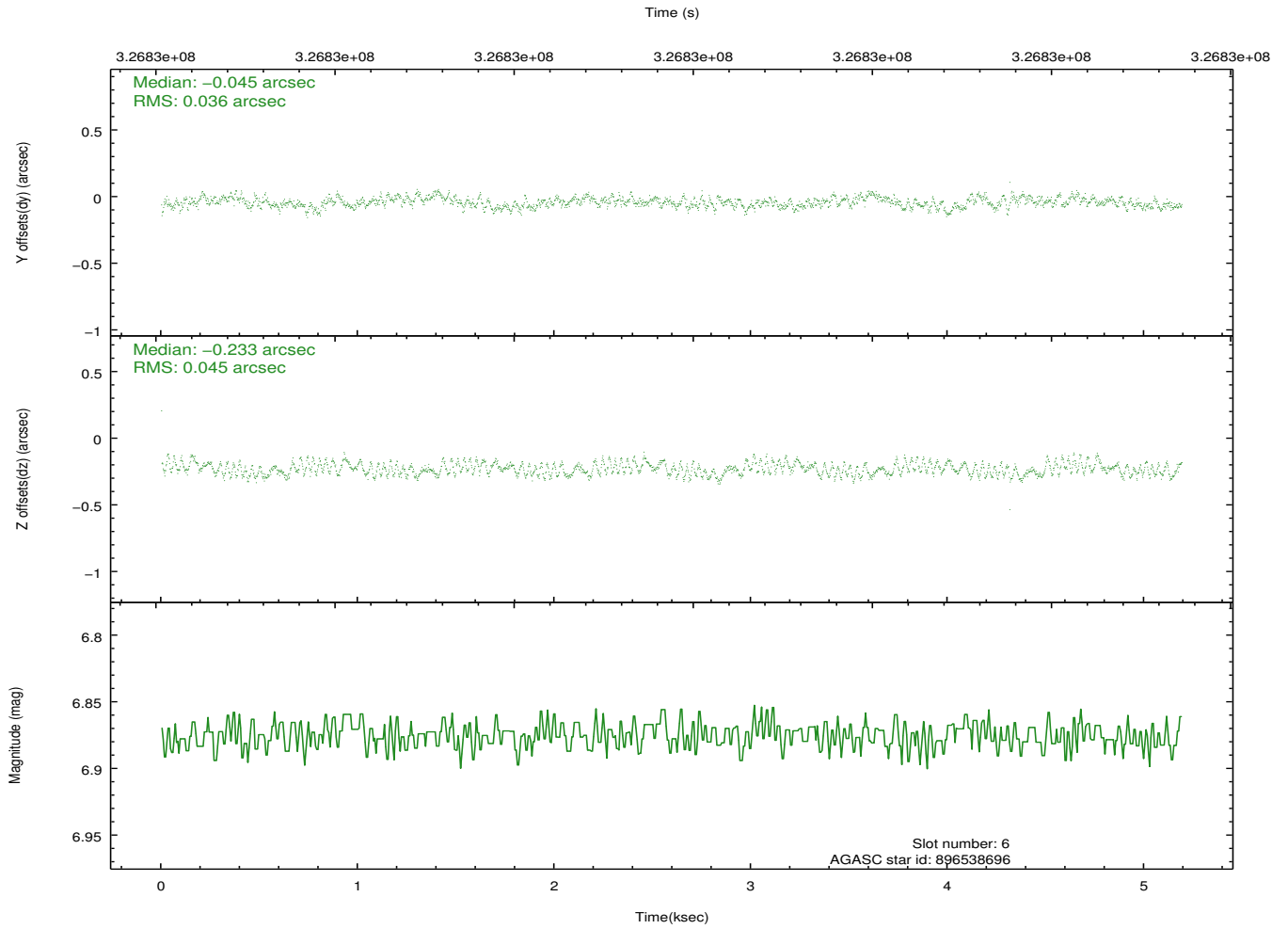
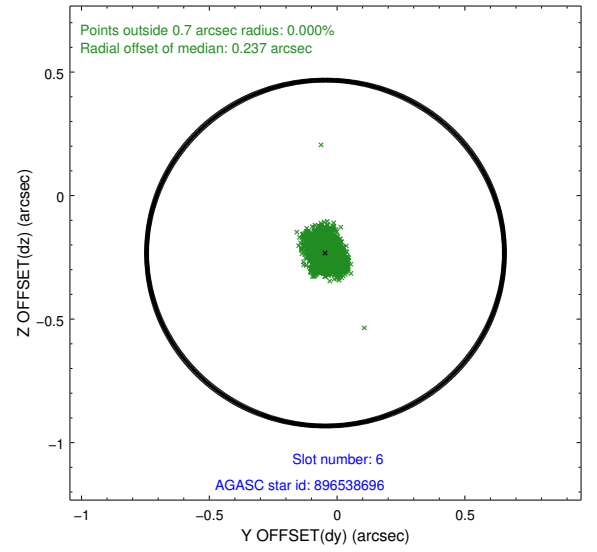
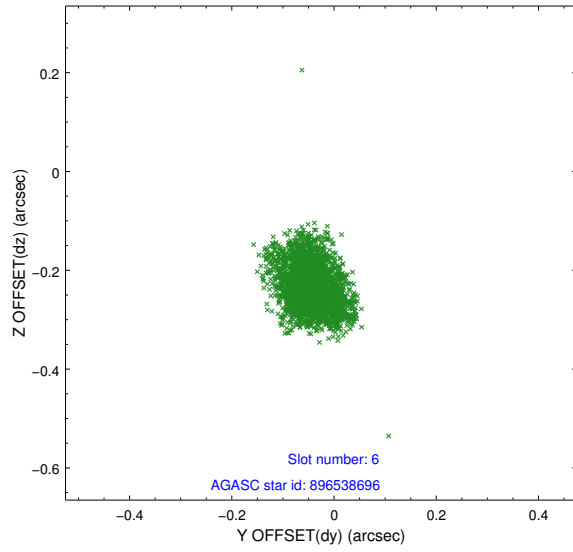
## 2.4.2 Slot 4



### 2.4.3 Slot 5

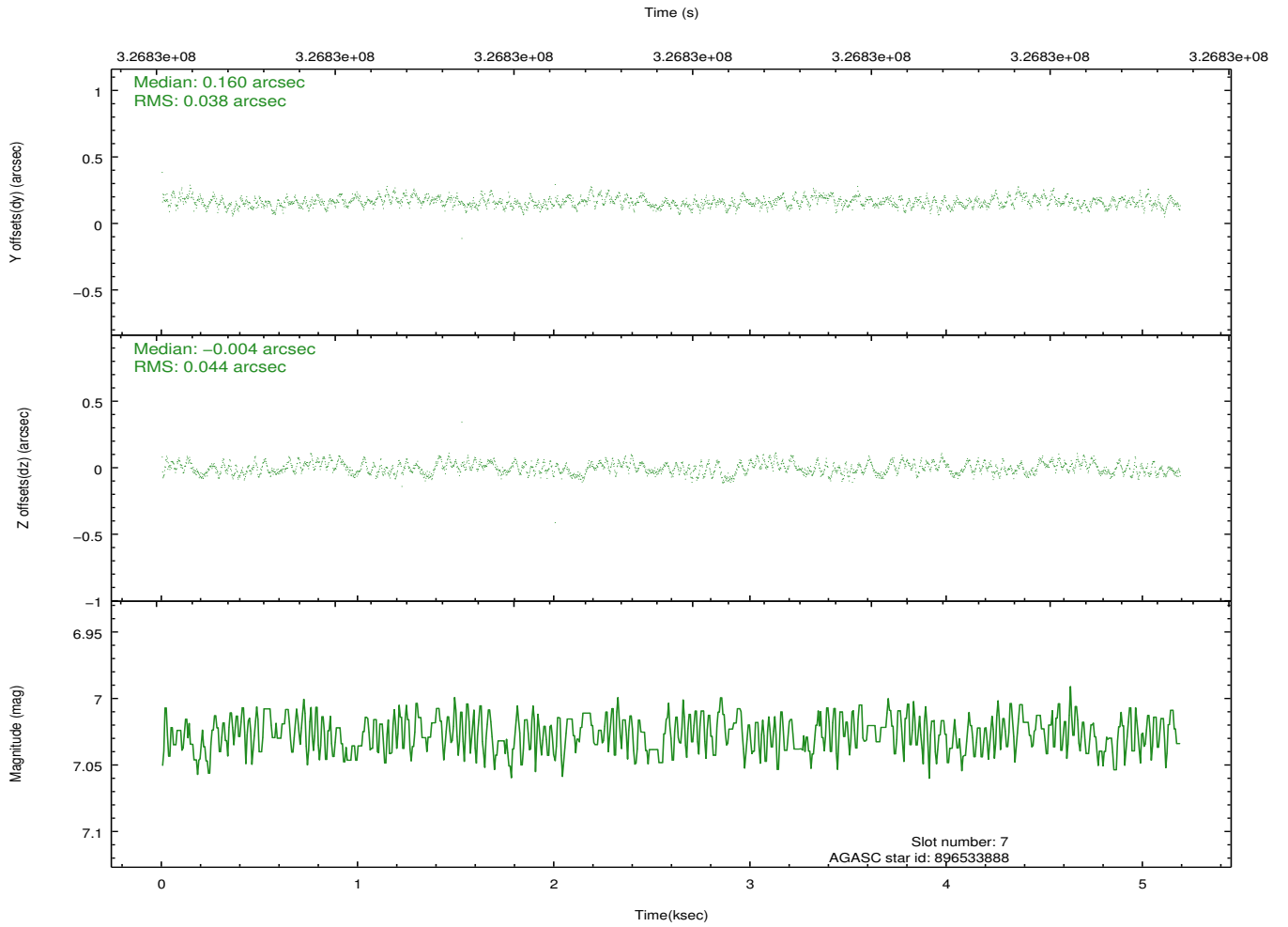
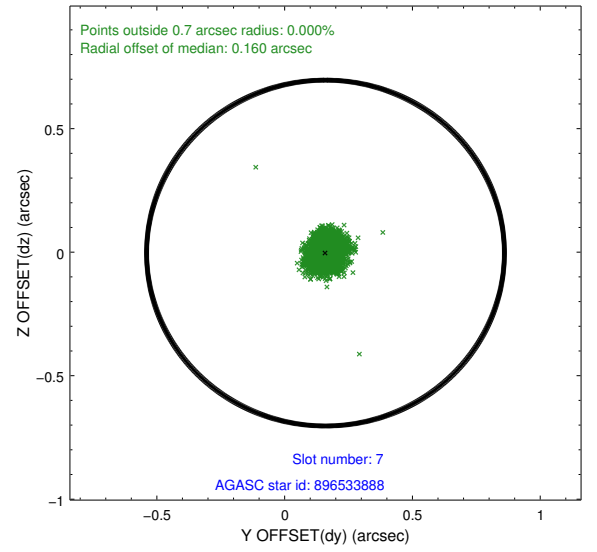
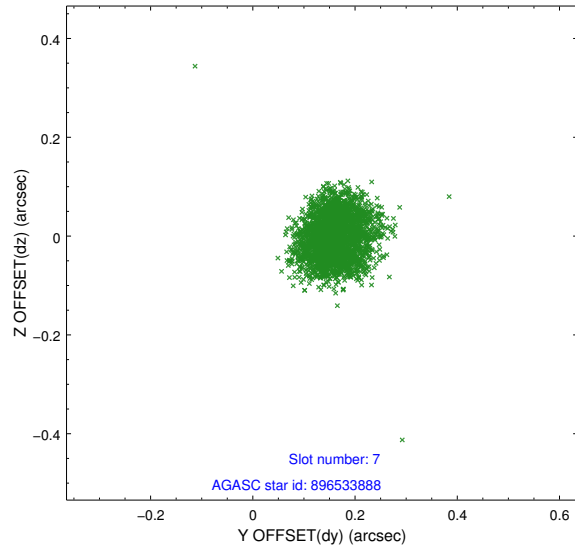


## 2.4.4 Slot 6



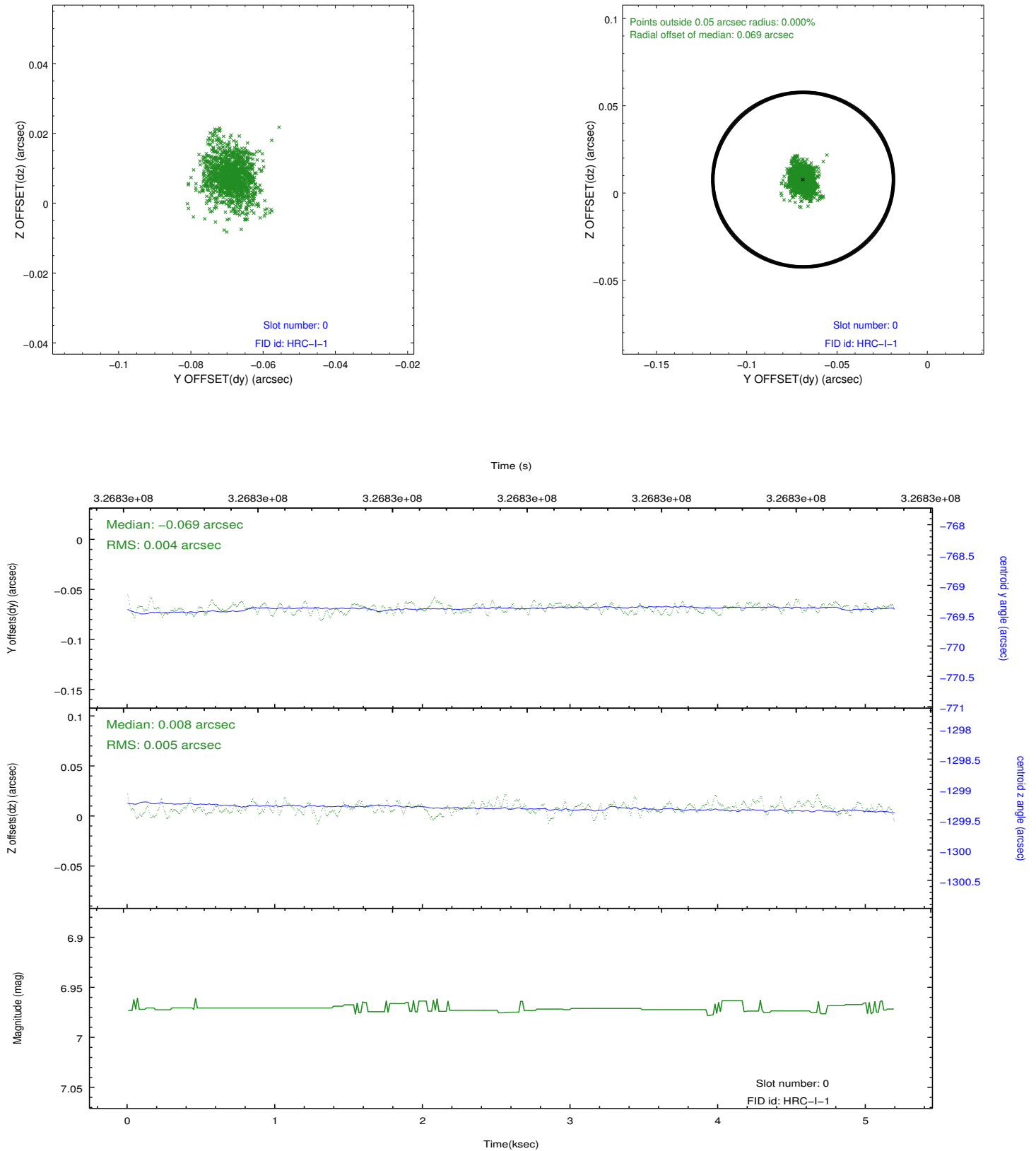


## 2.4.5 Slot 7

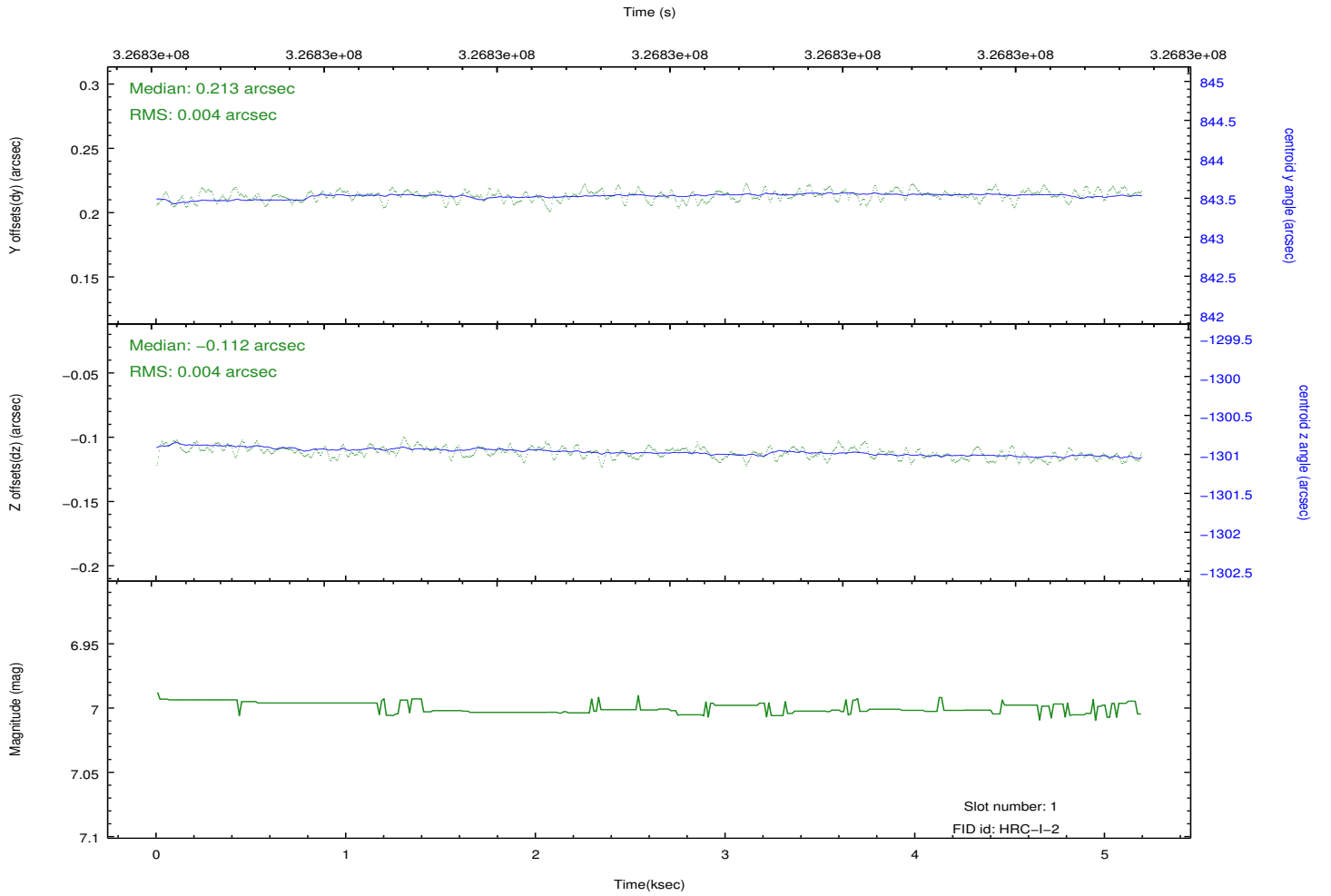
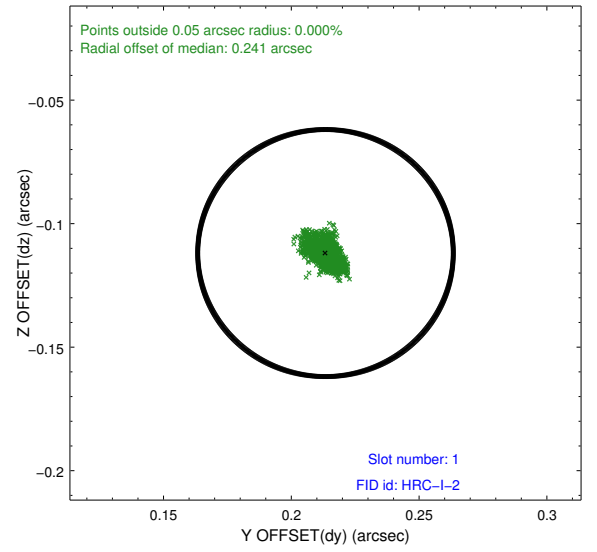
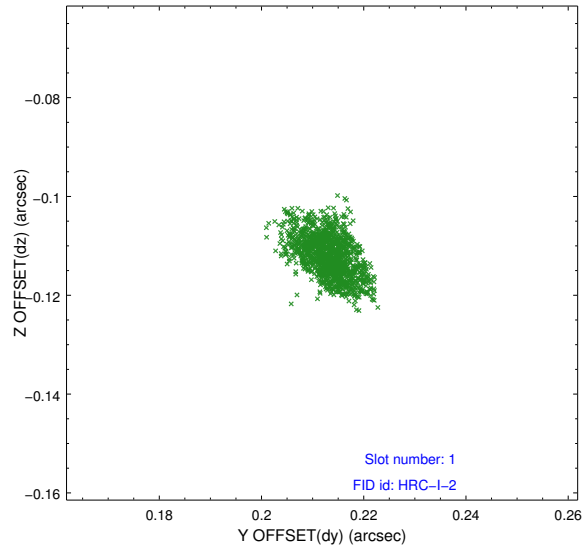


## 2.5 FID Slots

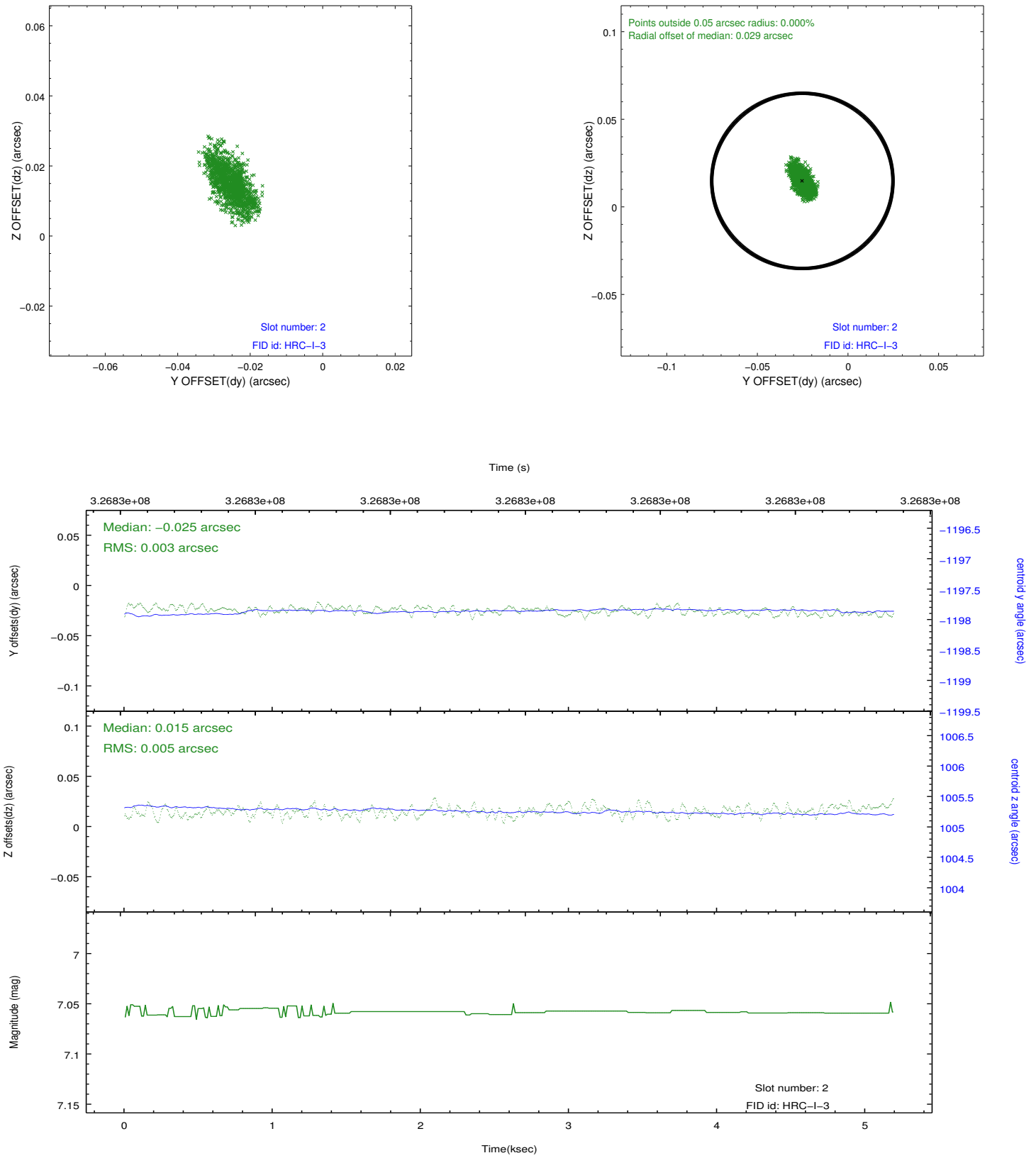
### 2.5.1 Slot 0



## 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	5.1898315

### A.2 Comments

Joint Proposal: XMM