

# V&V Reference Report

## L2 ASCDS Version : 8.4.4

Observation 9041 - L2 Version 3  
Chandra X-Ray Center

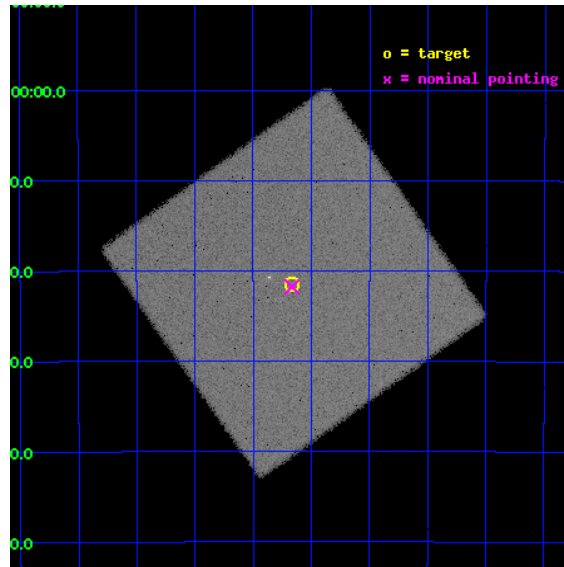
L2 Processing Date : Aug 12 2012

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# 1 Front

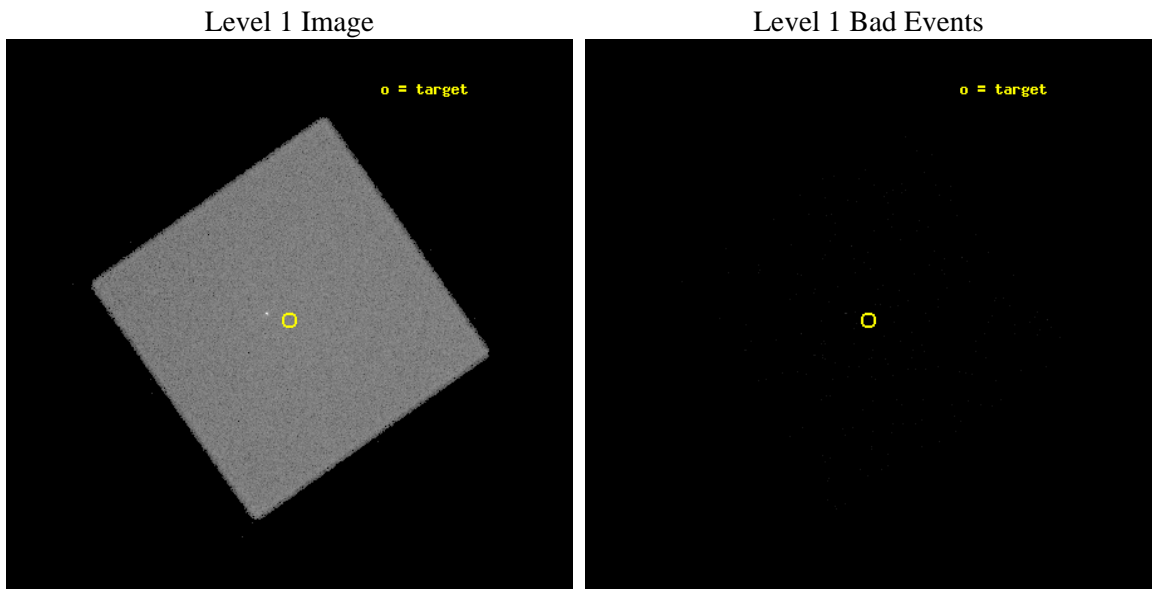
seq_num	400892	Sequence number
obs_id	9041	Observation id
title	Monitoring observations of the Galactic Center region	Proposal tit
observer	Dr. Rudy Wijnands	Principal investigator
object	GC-7	Source name
ra_targ	266.1675	Observer's specified target RA [deg]
dec_targ	-29.3585	Observer's specified target Dec [deg]
ra_nom	266.16670763807	Nominal RA [deg]
dec_nom	-29.362634814943	Nominal Dec [deg]
roll_nom	279.80455743926	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5189.8315041065	[s]
livetime	5134.9554926044	Ontime multiplied by DTCOR
l2events	339096	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	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5189.8315041065	[s]
caldbver	4.5.1.1	&#160	l1events	515408	Number of level 1 events
date	2012-08-12T16:18:53	Date and time of file creation			
revision	3	Processing version of data			

### 2.1.3 Events

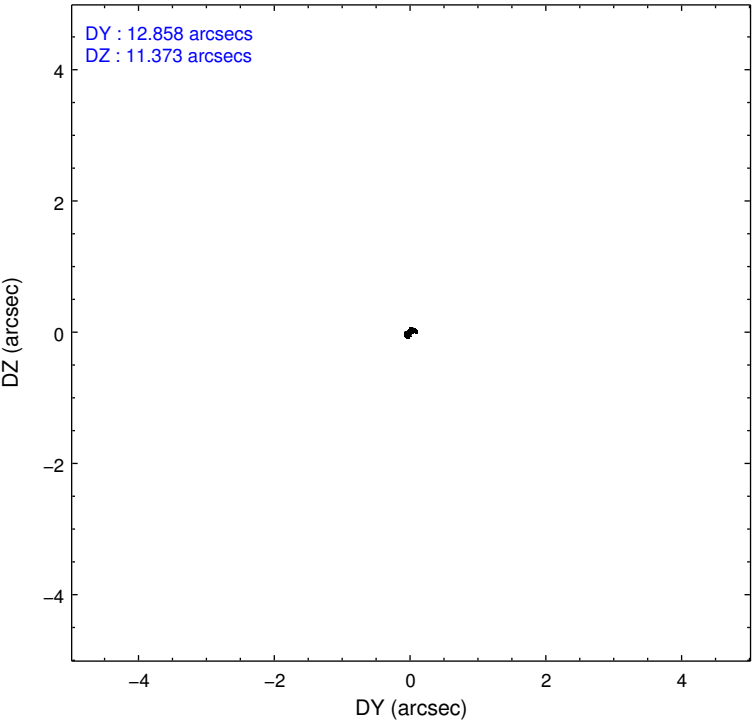
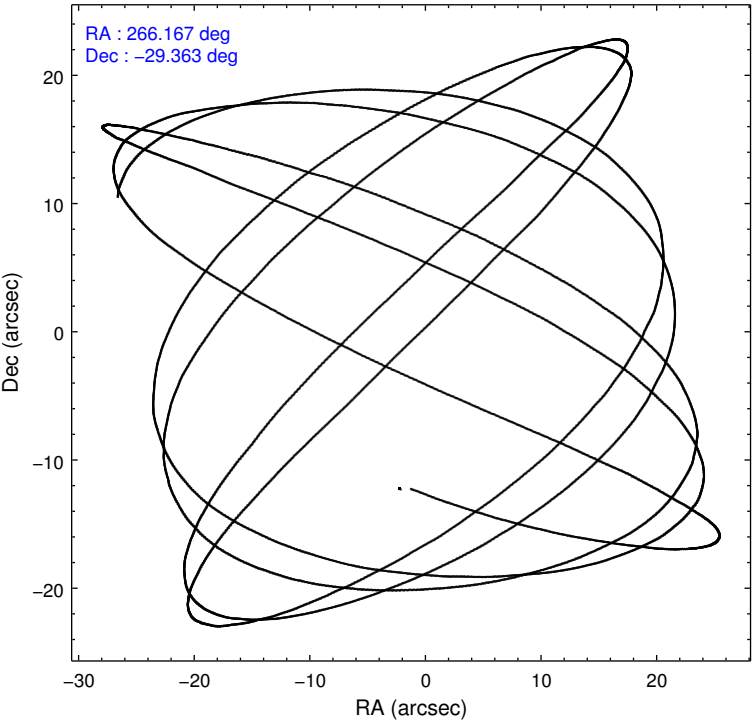
#### Level 1 Events

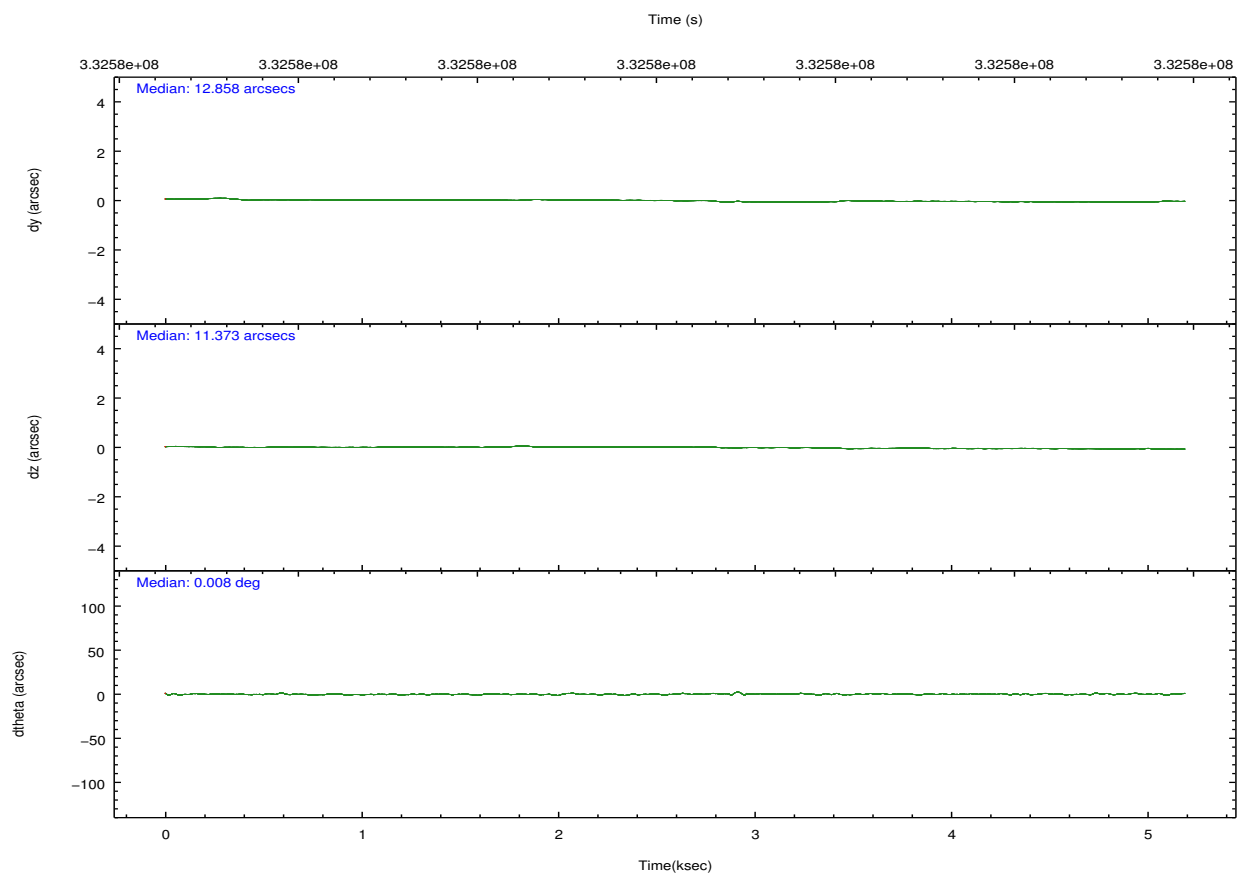
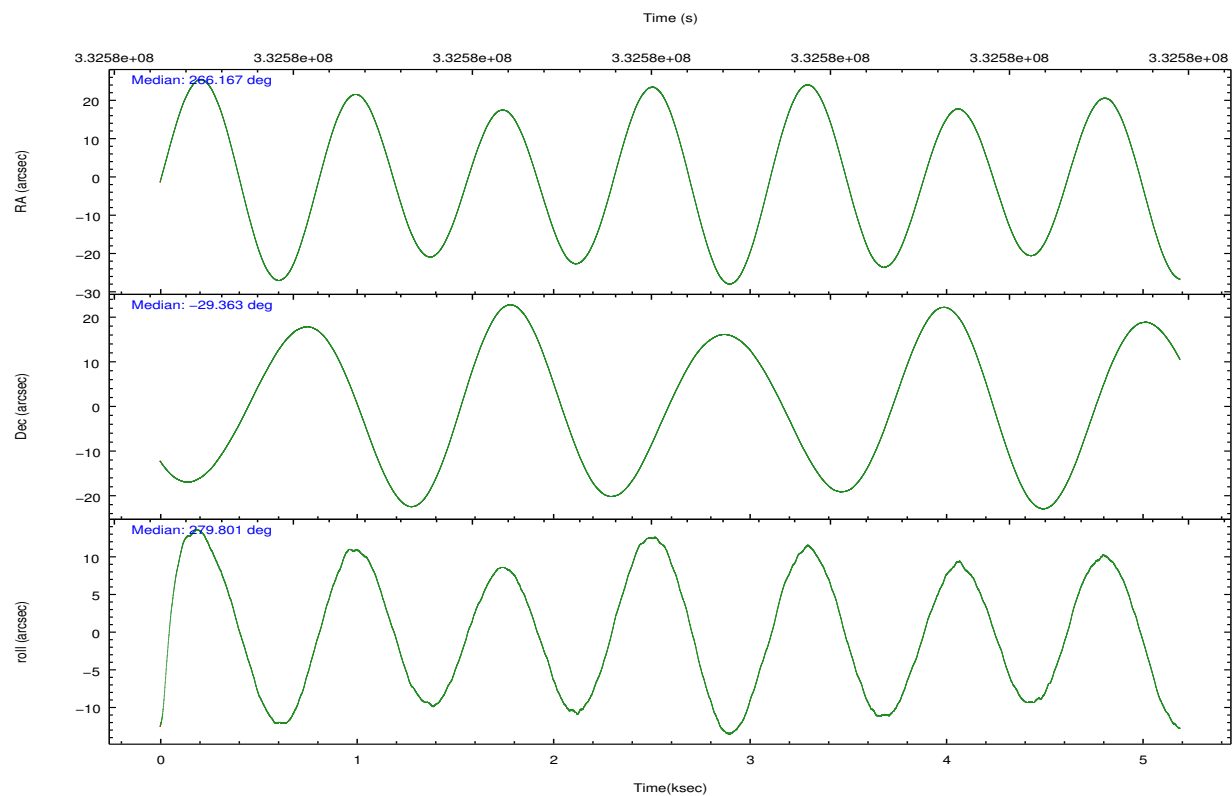
	<b>segment 0</b>
level 1 events	515408
rejected events	23576
rejected %	4%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	266.145978	266.1667076380718			
[deg] Pointing Dec	-29.342144	-29.36263481494284			
[deg] Pointing Roll	279.889908	279.8045574392619			
[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)	332576699.184000	332576323.10765			
Observation start date	2008-07-16T06:23:54	2008-07-16T06:18:43			
[s] Observation end time (MET)	332581699.184000	332582340.37045			
Observation end date	2008-07-16T07:47:14	2008-07-16T07:59:00			

2.3 Aspect



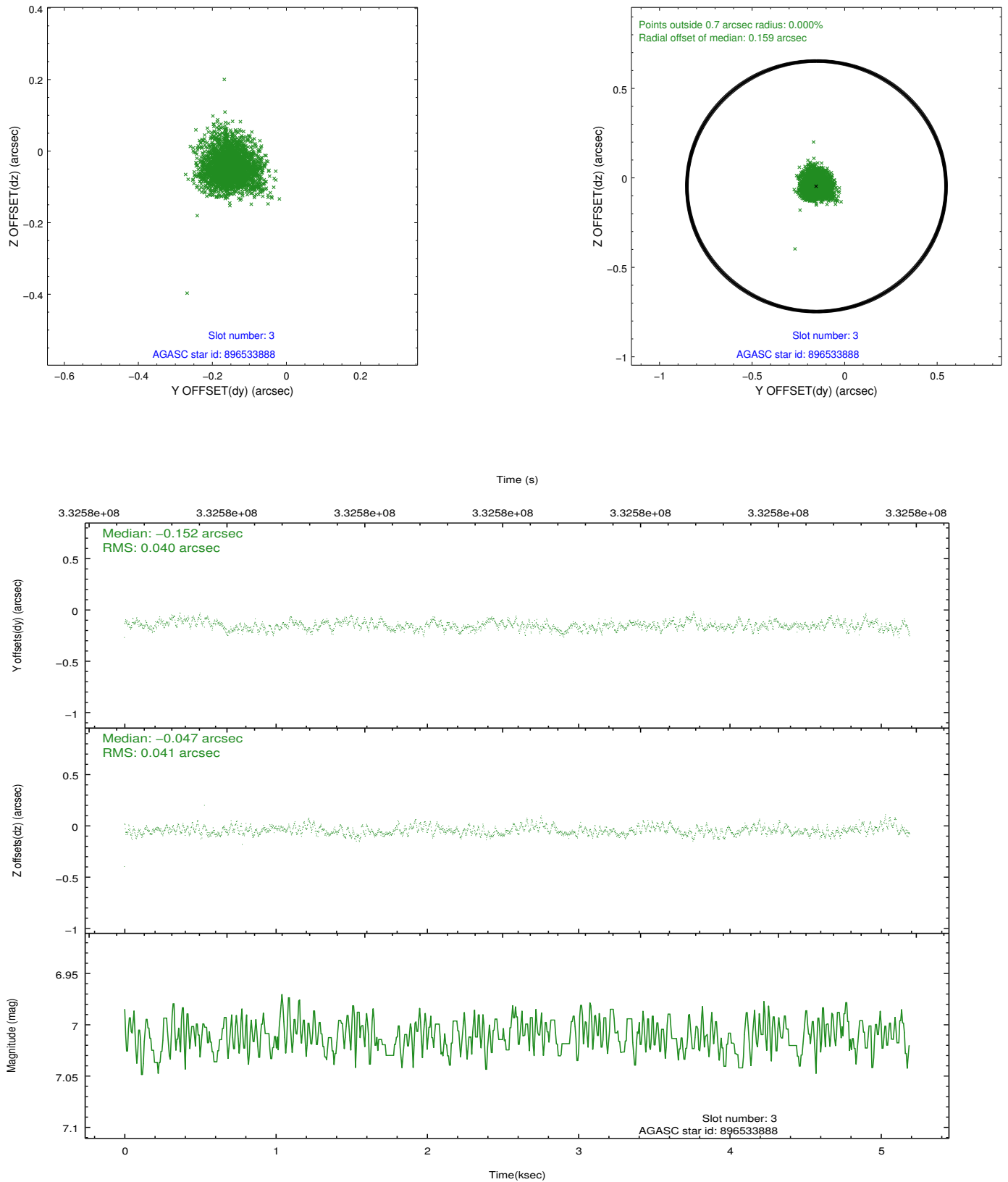


Slot Statistics

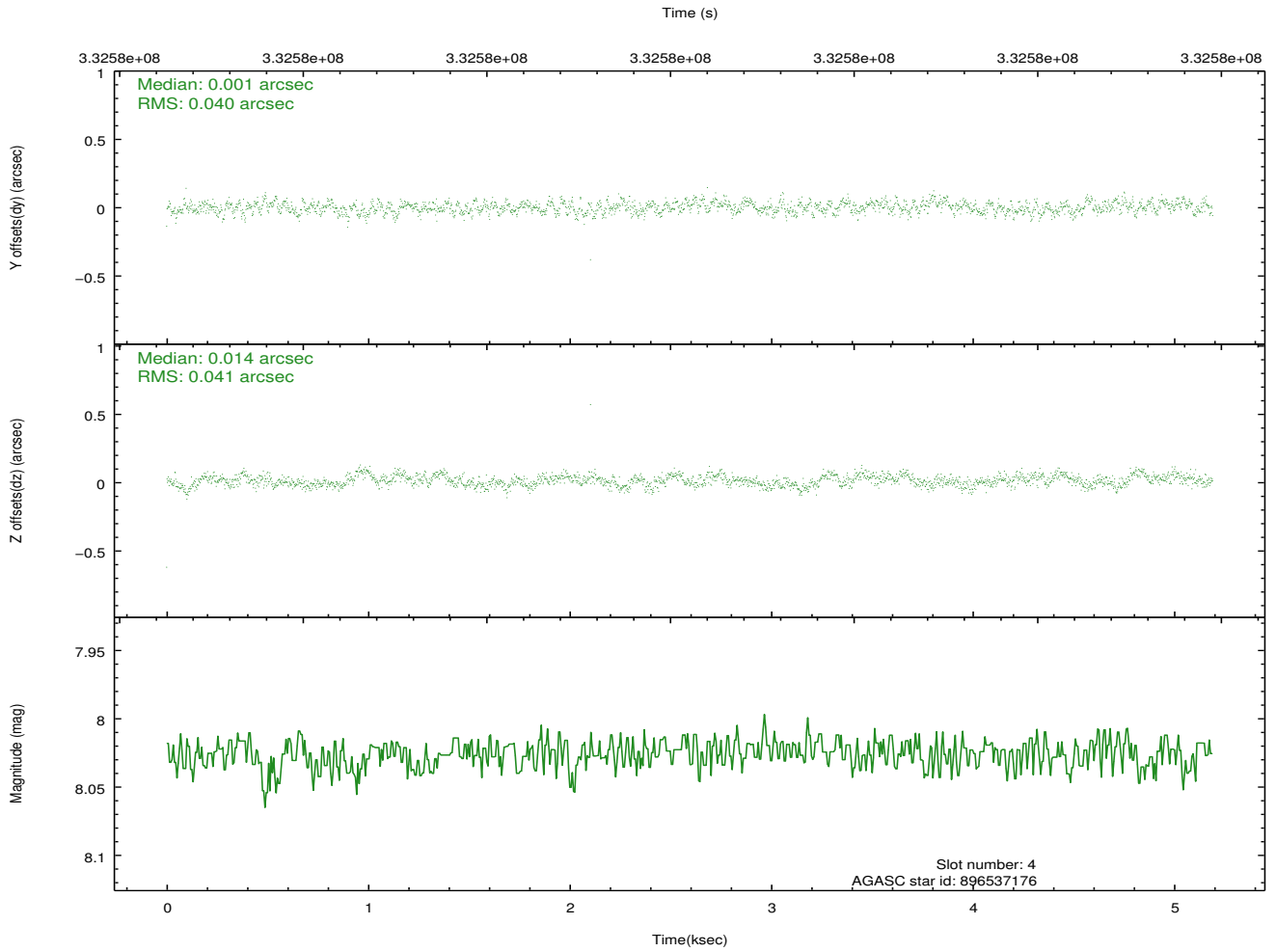
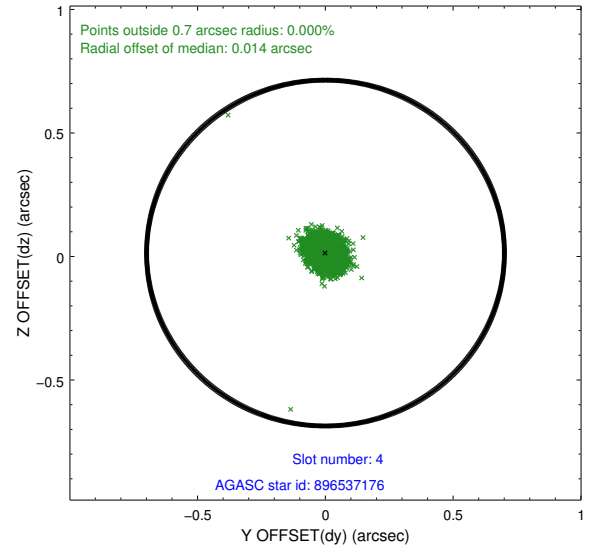
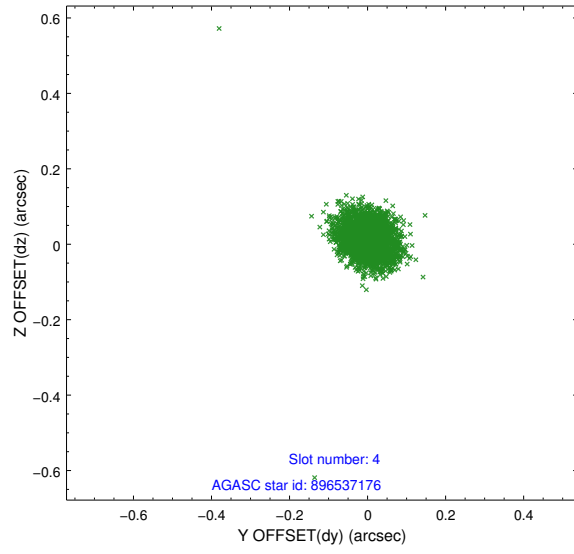
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	1267	-0.061	0.009	0.008	0.015	0.000000	0.000000	-768.64	-1299.34
1	FID	HRC-I-2	7.00	1267	0.193	-0.098	0.008	0.014	0.000000	0.000000	843.64	-1302.02
2	FID	HRC-I-3	7.06	1267	-0.012	-0.000	0.006	0.011	0.000000	0.000000	-1196.44	1004.18
3	GUIDE	896533888	7.01	2533	-0.152	-0.047	0.060	0.099	266.666434	-29.392757	463.39	1575.81
4	GUIDE	896537176	8.03	2533	0.001	0.014	0.059	0.092	266.498272	-28.678259	-2161.50	1506.47
5	GUIDE	896540808	7.49	2531	0.021	0.076	0.063	0.105	265.985401	-29.308604	-205.82	-475.71
6	GUIDE	896541168	8.15	2533	0.088	-0.097	0.064	0.107	266.319970	-29.850801	1897.92	219.86
7	GUIDE	896404784	9.31	2528	0.044	0.051	0.118	0.192	265.491289	-29.092670	-1231.49	-1876.33

## 2.4 Star Slots

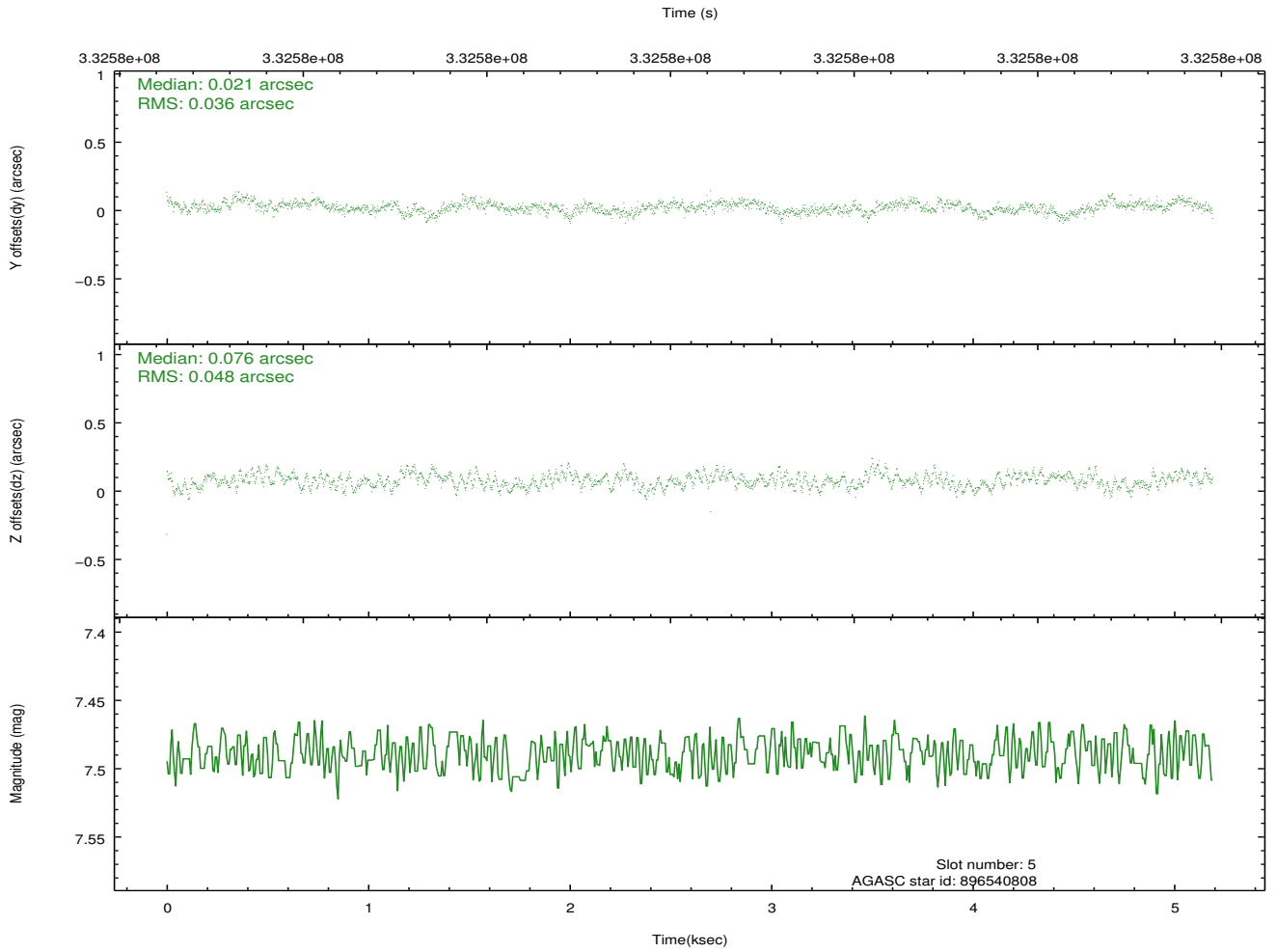
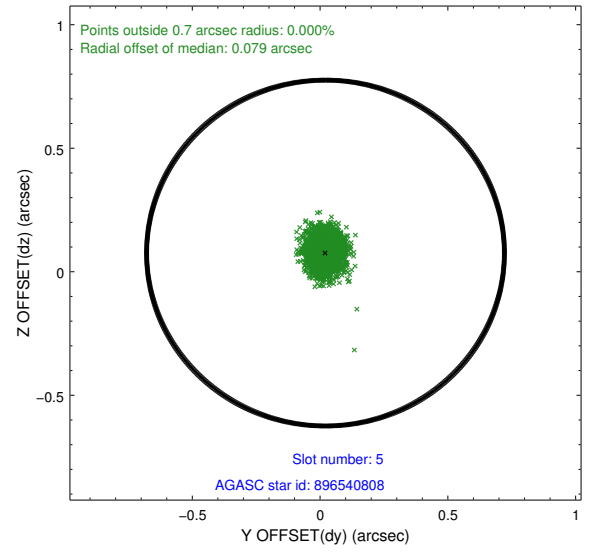
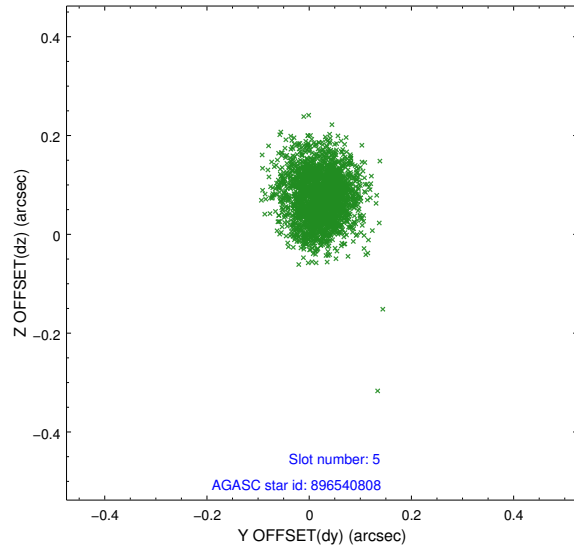
### 2.4.1 Slot 3



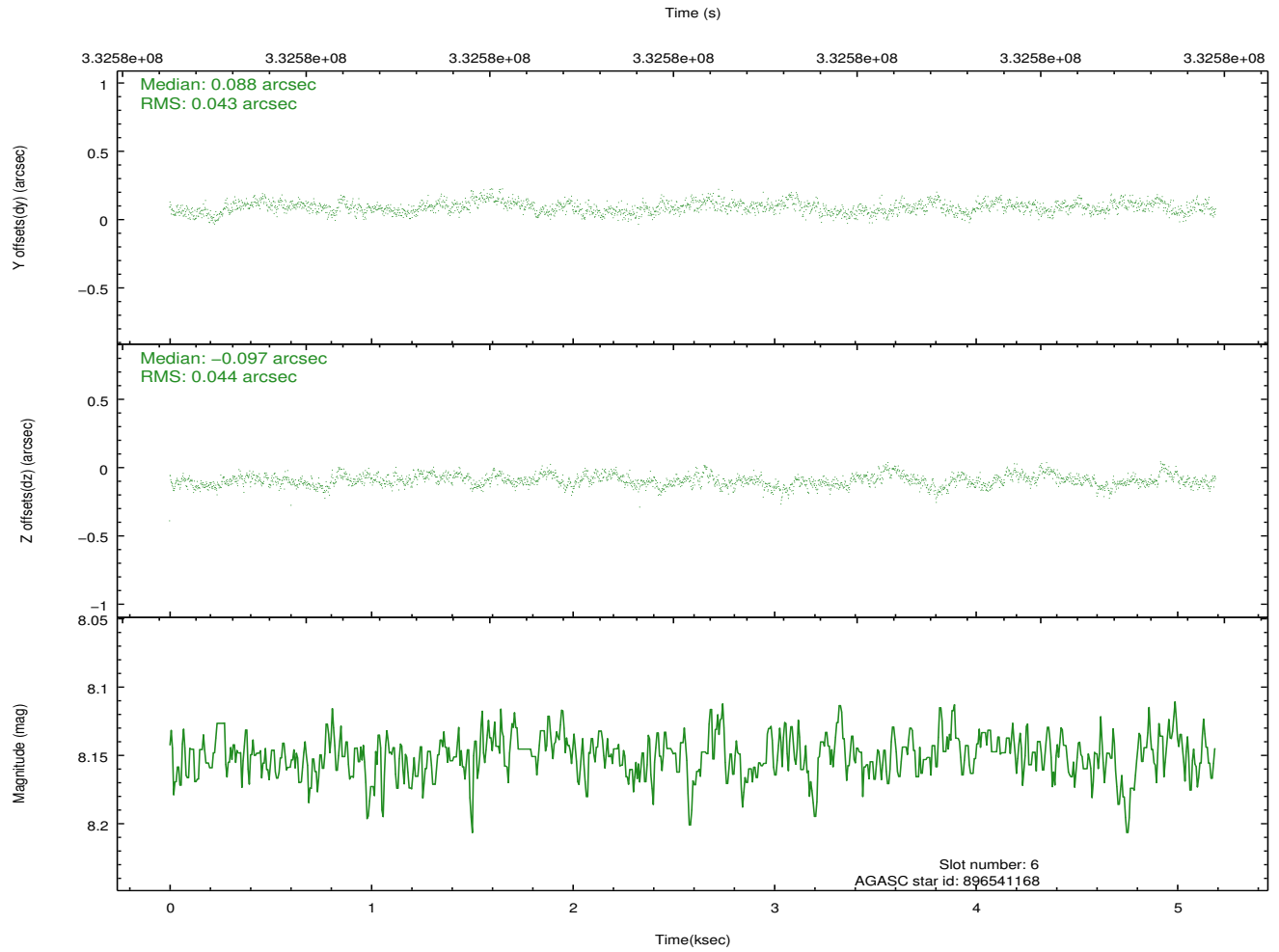
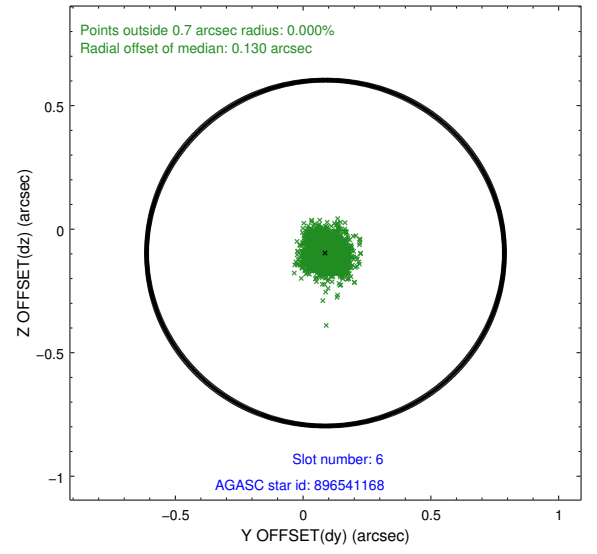
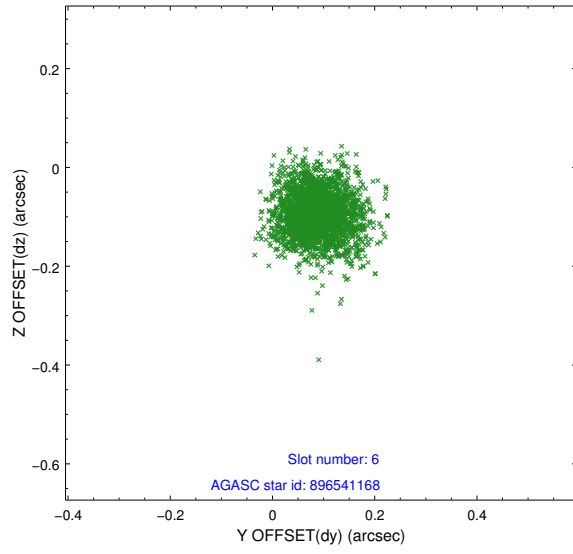
## 2.4.2 Slot 4



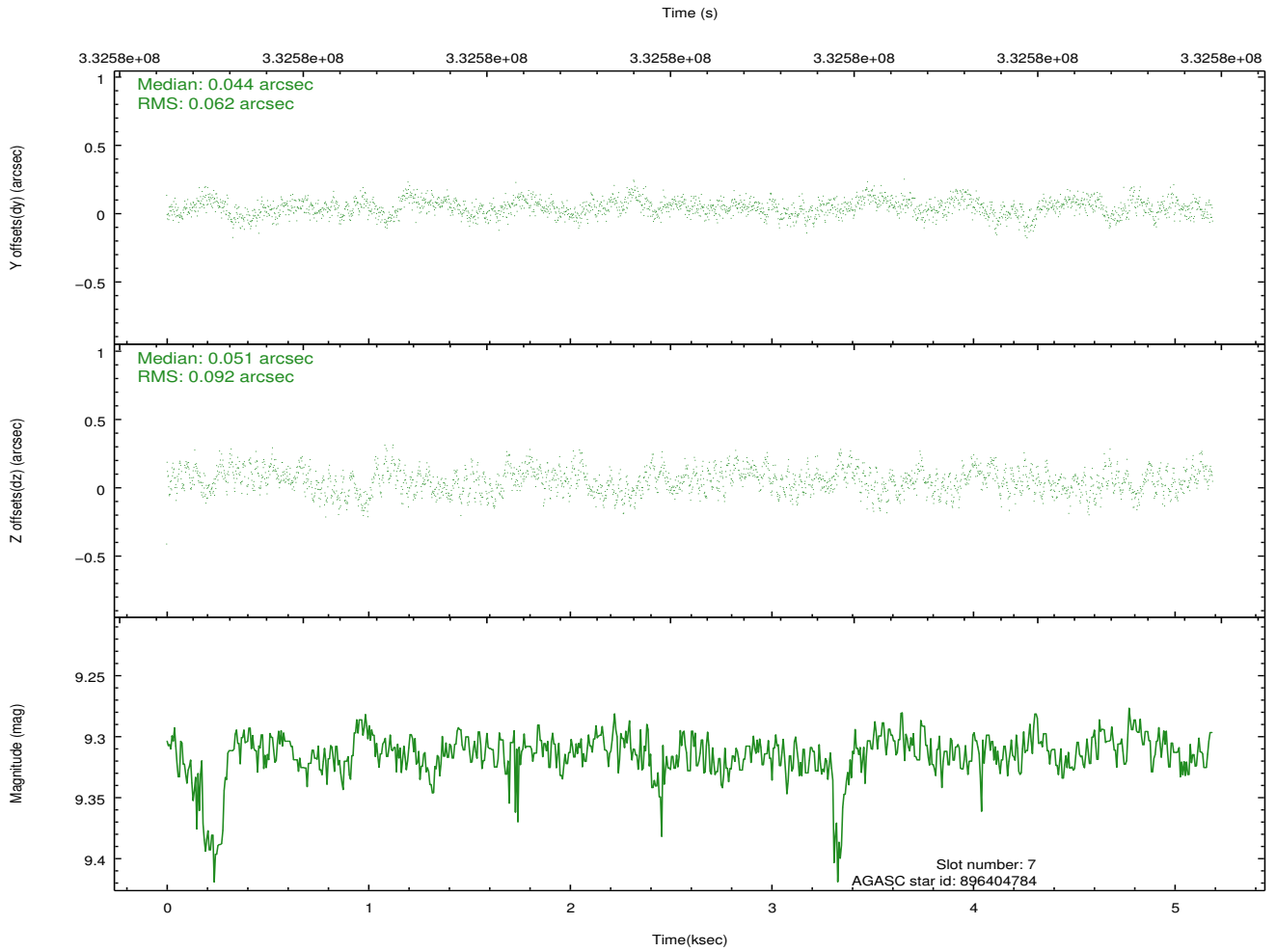
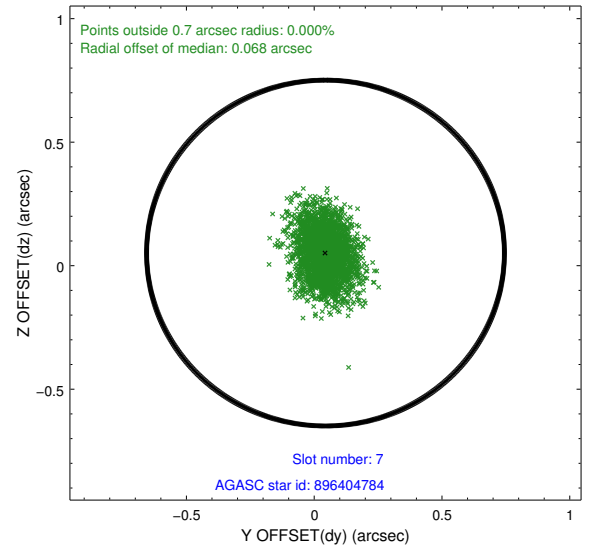
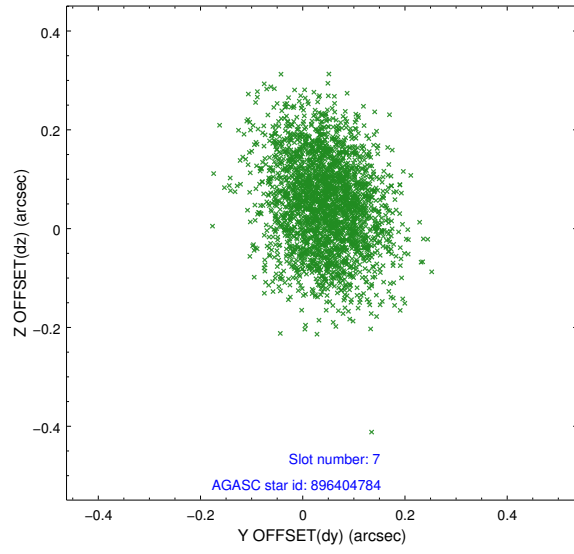
### 2.4.3 Slot 5



## 2.4.4 Slot 6

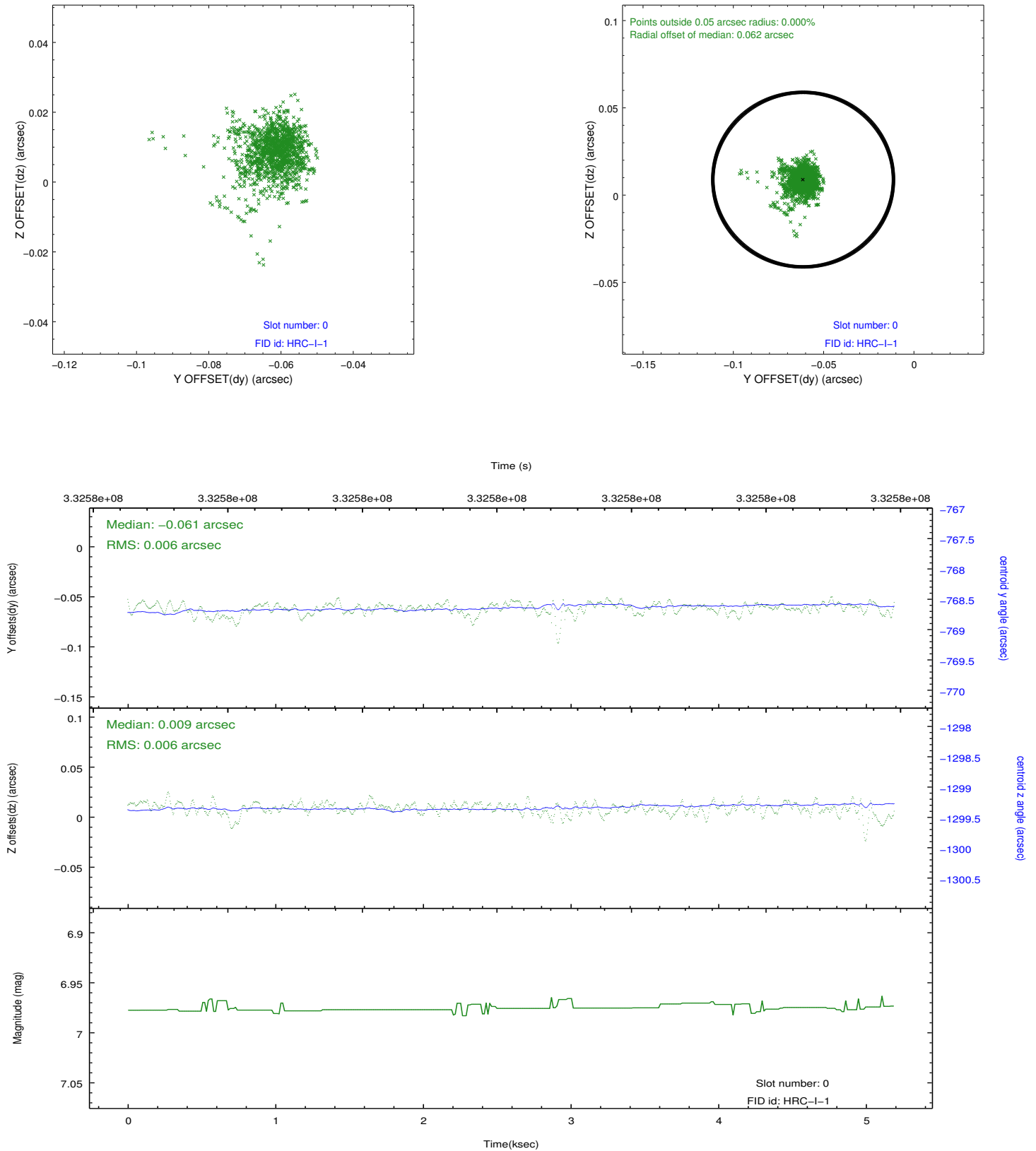


## 2.4.5 Slot 7

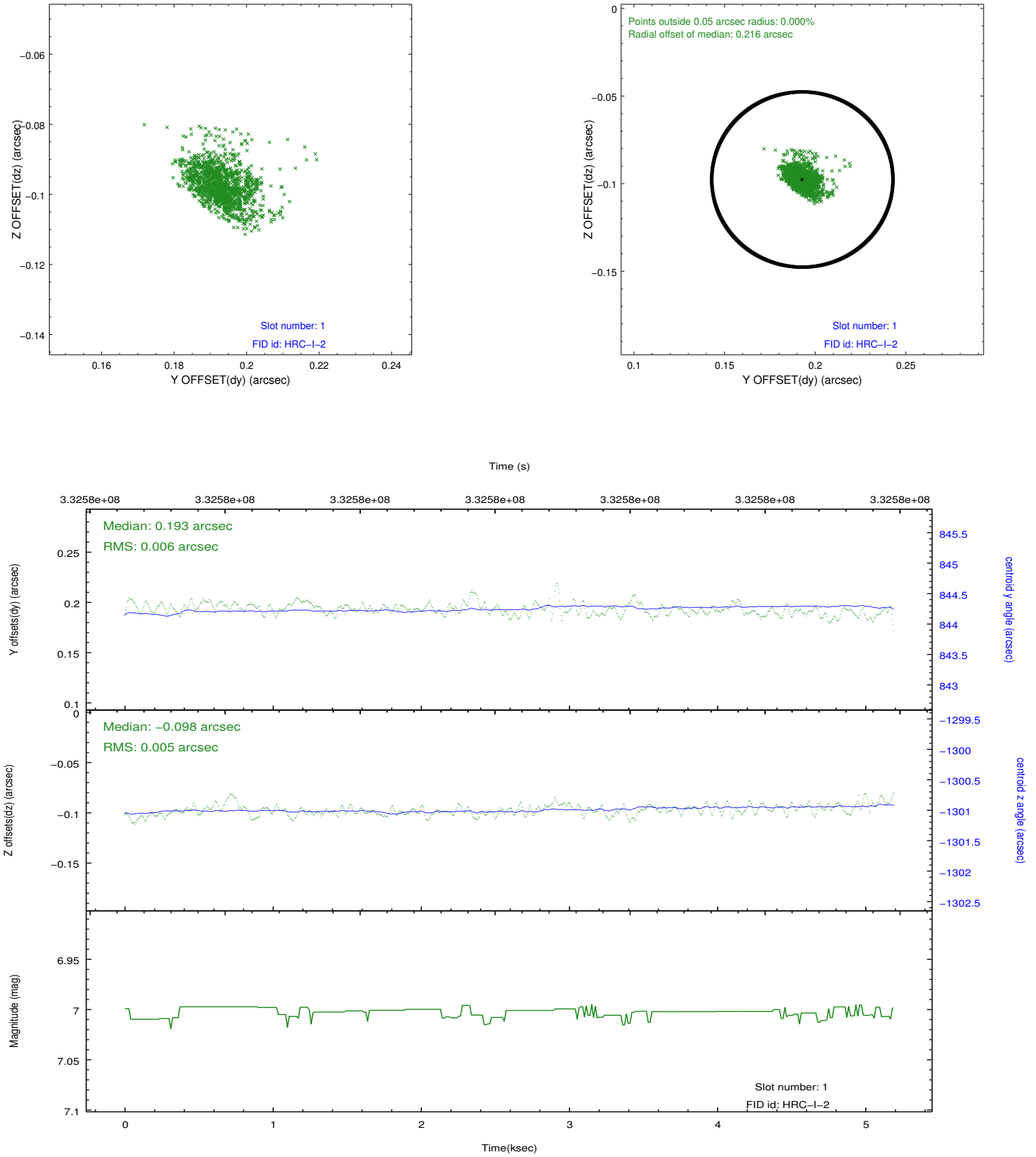


## 2.5 FID Slots

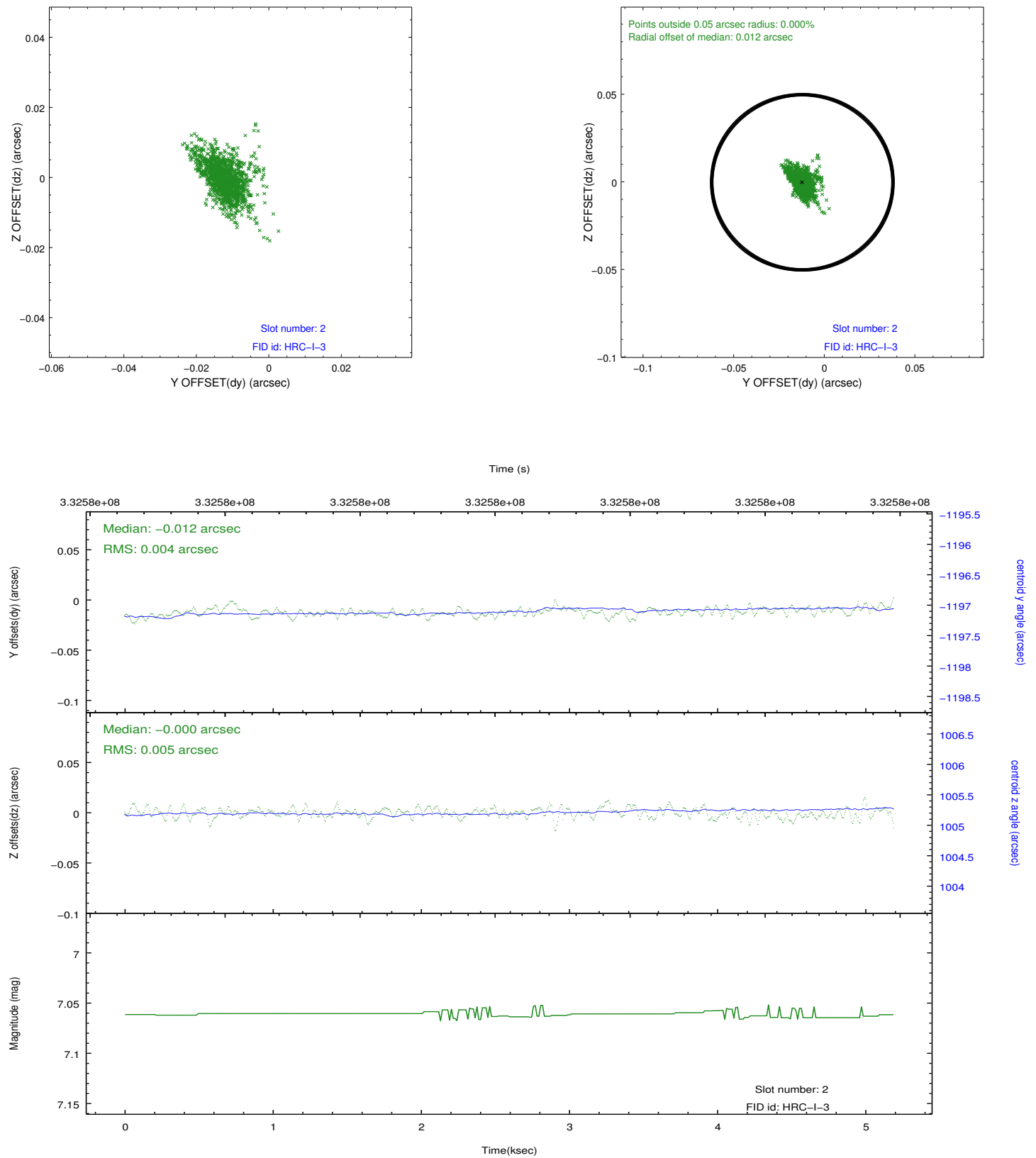
### 2.5.1 Slot 0



## 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)	2012.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.1898315

### A.2 Comments

Joint proposal with XMM.