

# V&V Reference Report

## L2 ASCDS Version : 8.4.4

Observation 7467 - L2 Version 4  
Chandra X-Ray Center

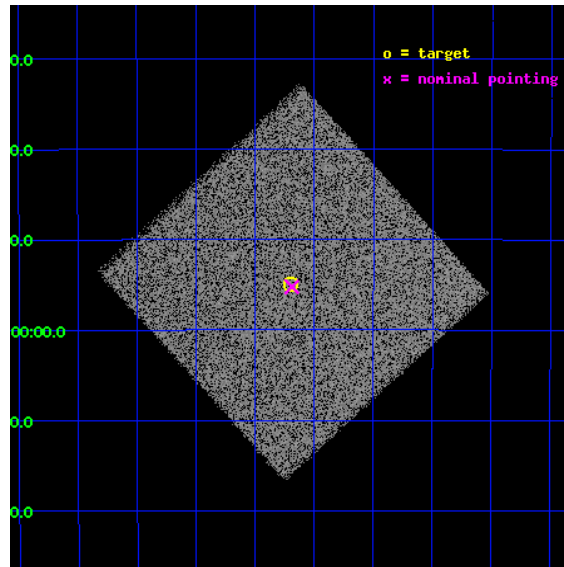
L2 Processing Date : Aug 11 2012

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# 1 Front

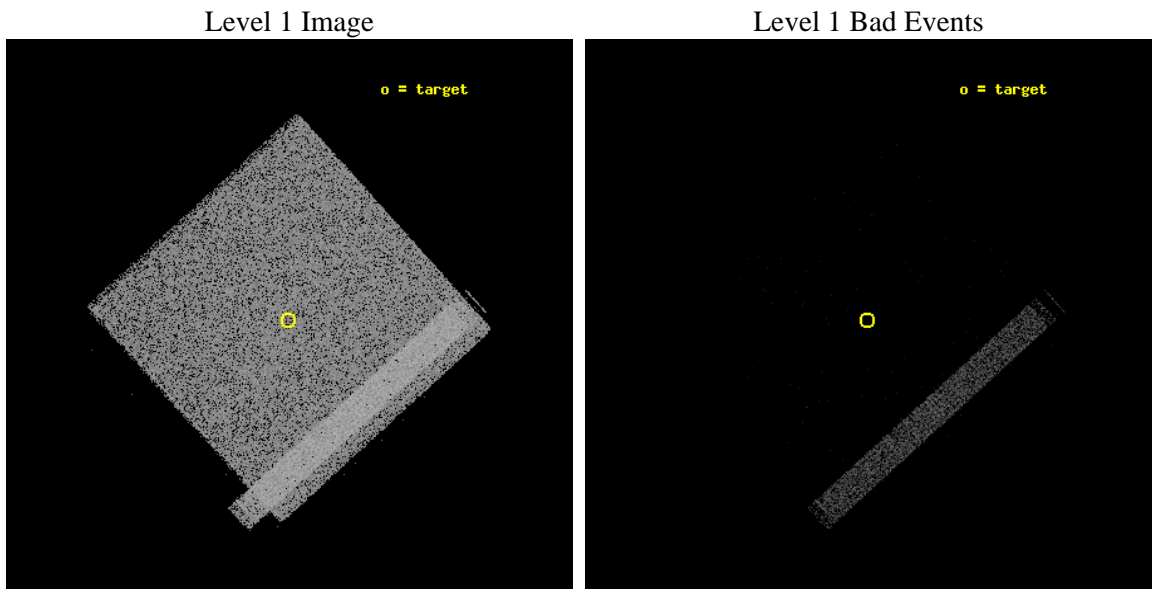
seq_num	400577	Sequence number
obs_id	7467	Observation id
title	Chandra follow-up of weak persistent sources found in INTEGRAL maps	&#160
observer	Prof Mariano Mendez	Principal investigator
object	AX J1754.2-2754	Source name
ra_targ	268.55	Observer's specified target RA [deg]
dec_targ	-27.916111	Observer's specified target Dec [deg]
ra_nom	268.54740111554	Nominal RA [deg]
dec_nom	-27.920628377299	Nominal Dec [deg]
roll_nom	272.74806841166	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1189.0000571012	[s]
livetime	1176.9227806827	Ontime multiplied by DTCOR
l2events	69309	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1189.0000571012	[s]
caldbver	4.5.1.1	&#160	l1events	140953	Number of level 1 events
date	2012-08-11T23:35:38	Date and time of file creation			
revision	4	Processing version of data			

### 2.1.3 Events

#### Level 1 Events

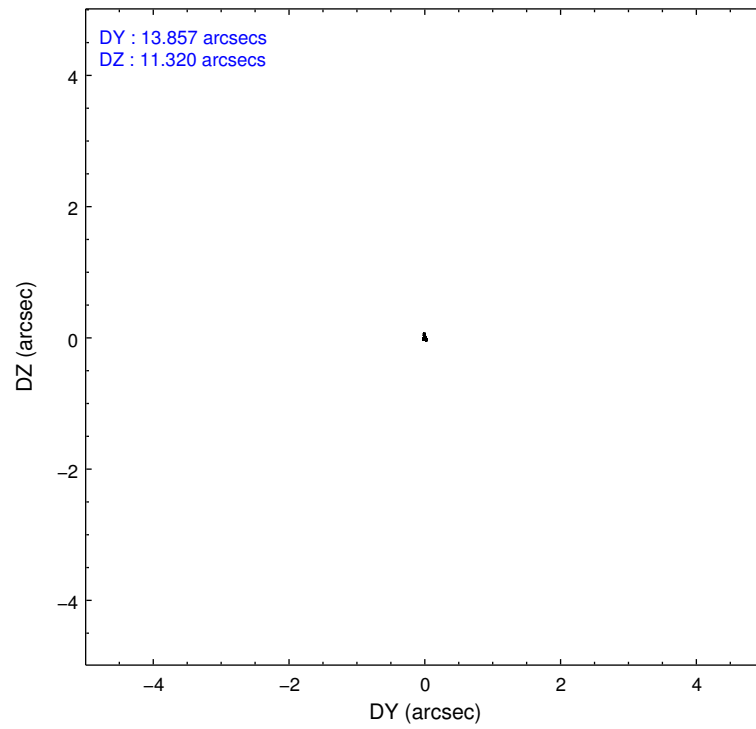
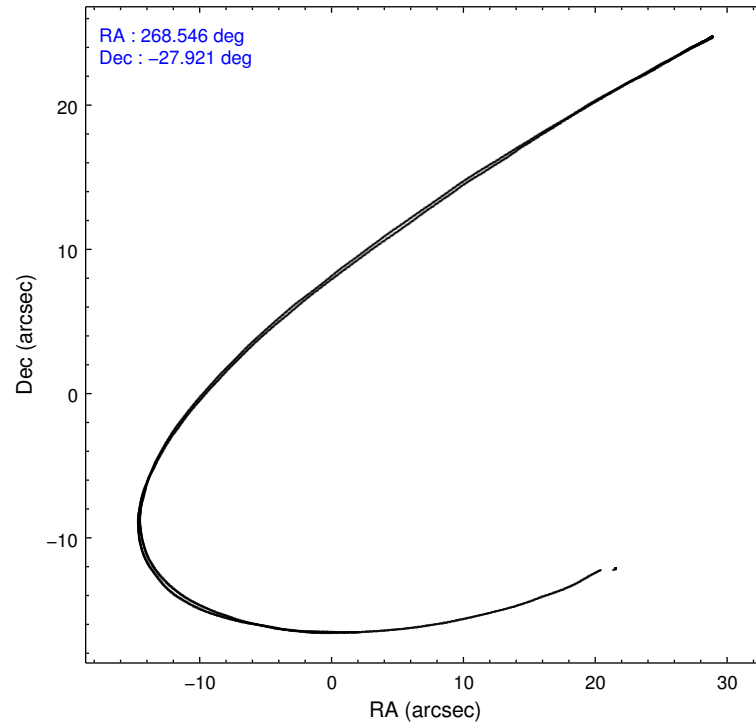
	<b>segment 0</b>
level 1 events	140953
rejected events	38474
rejected %	27%

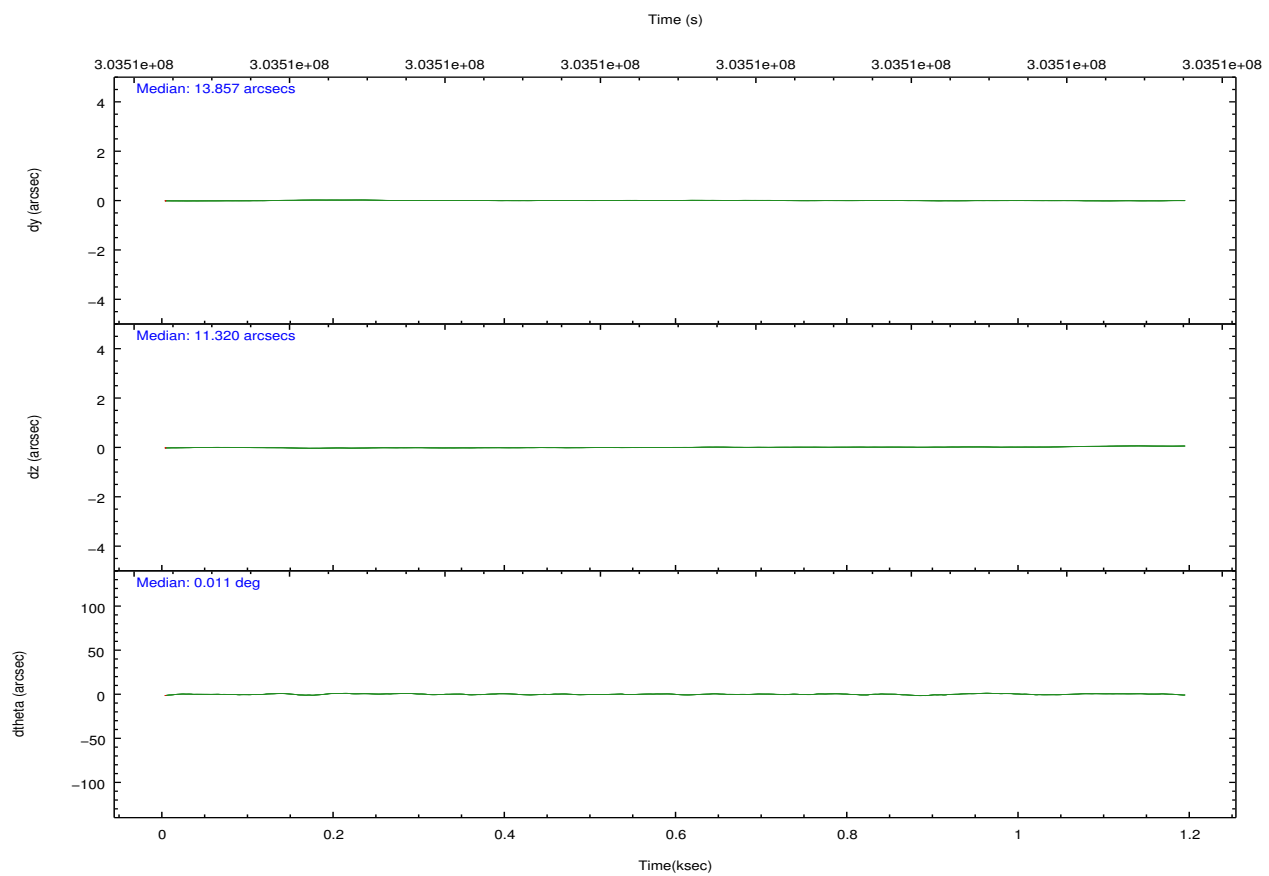
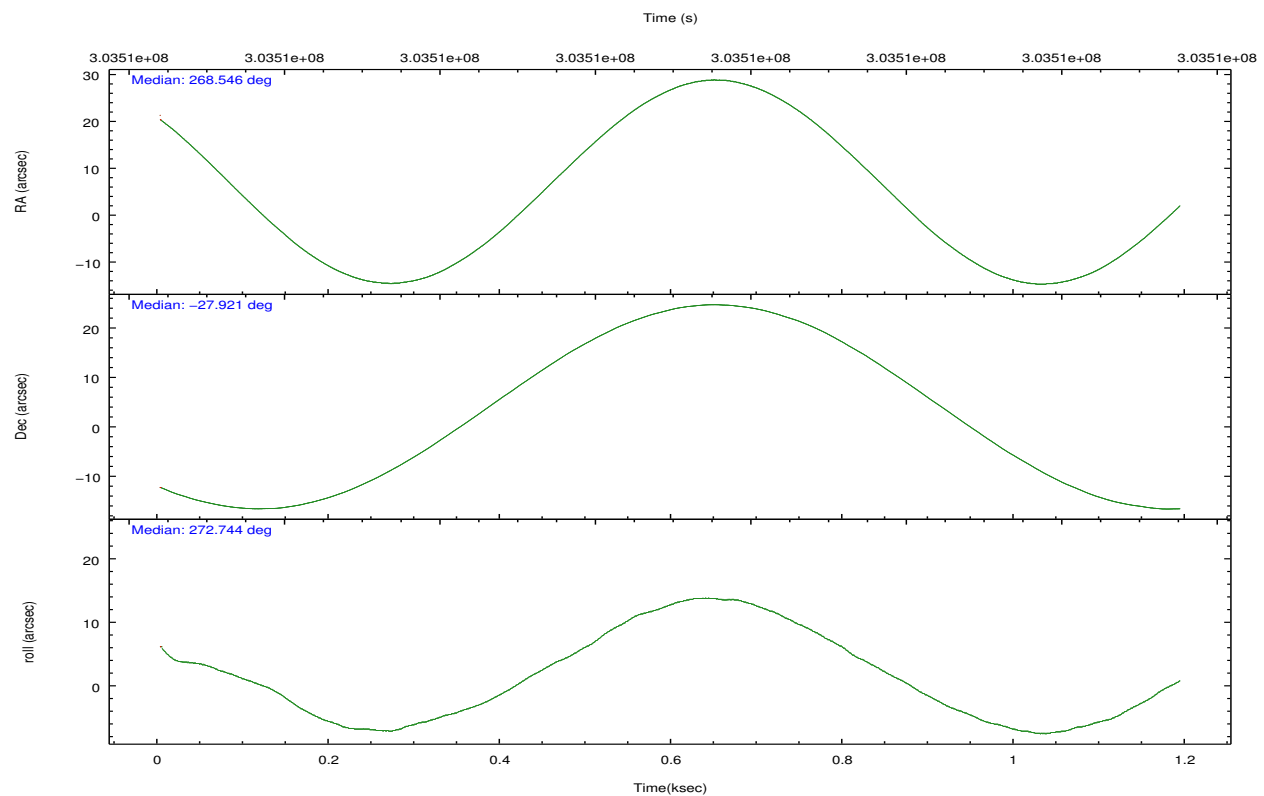
## 2.2 Compared Parameters

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	268.531204	268.547401115538
[deg] Pointing Dec	-27.897576	-27.92062837729926
[deg] Pointing Roll	272.835980	272.7480684116606
[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)	303510499.184000	303510108.16059
Observation start date	2007-08-14T20:27:14	2007-08-14T20:21:48
[s] Observation end time (MET)	303511499.184000	303512342.1482
Observation end date	2007-08-14T20:43:54	2007-08-14T20:59:02

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

## 2.3 Aspect



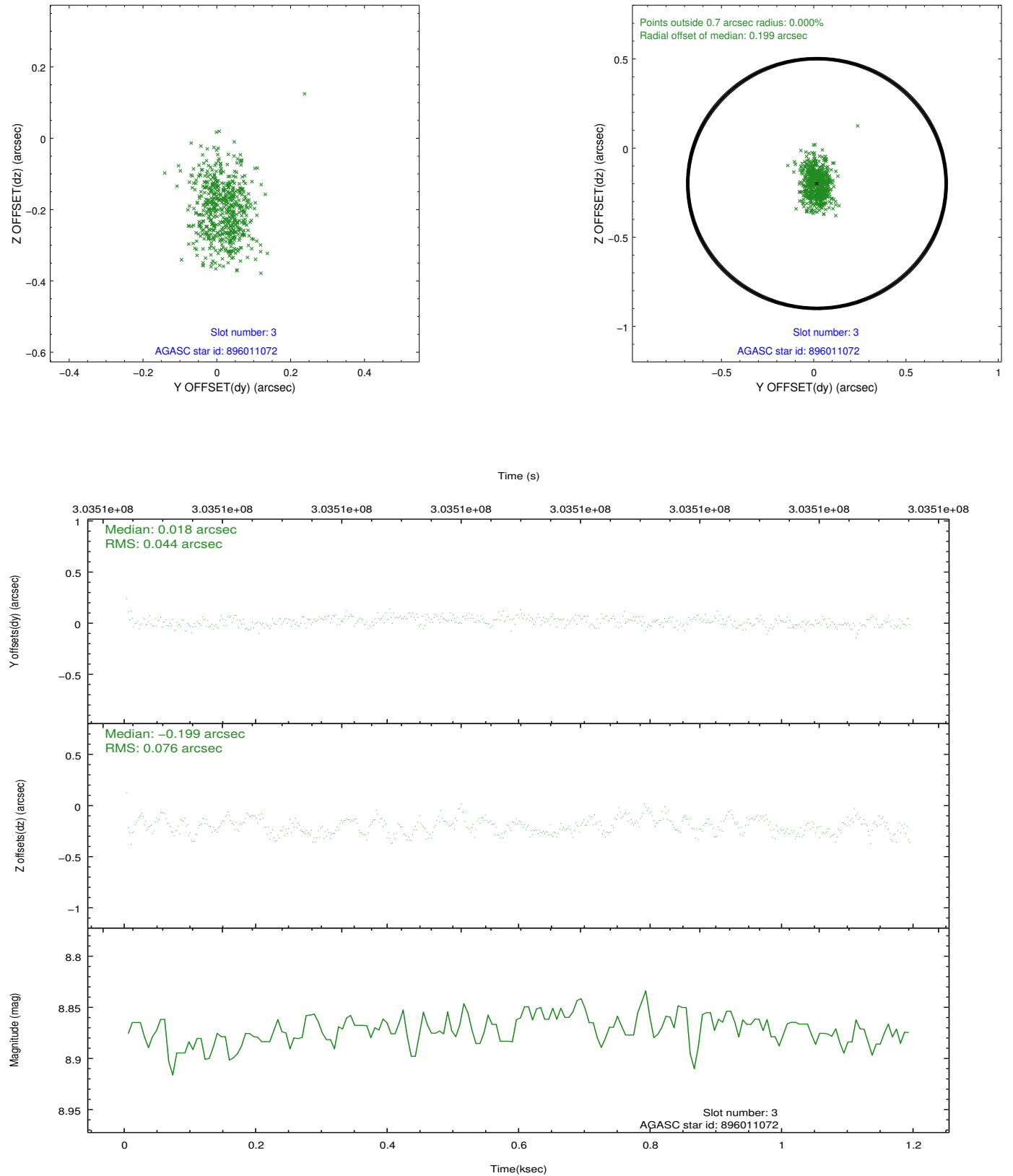


Slot Statistics

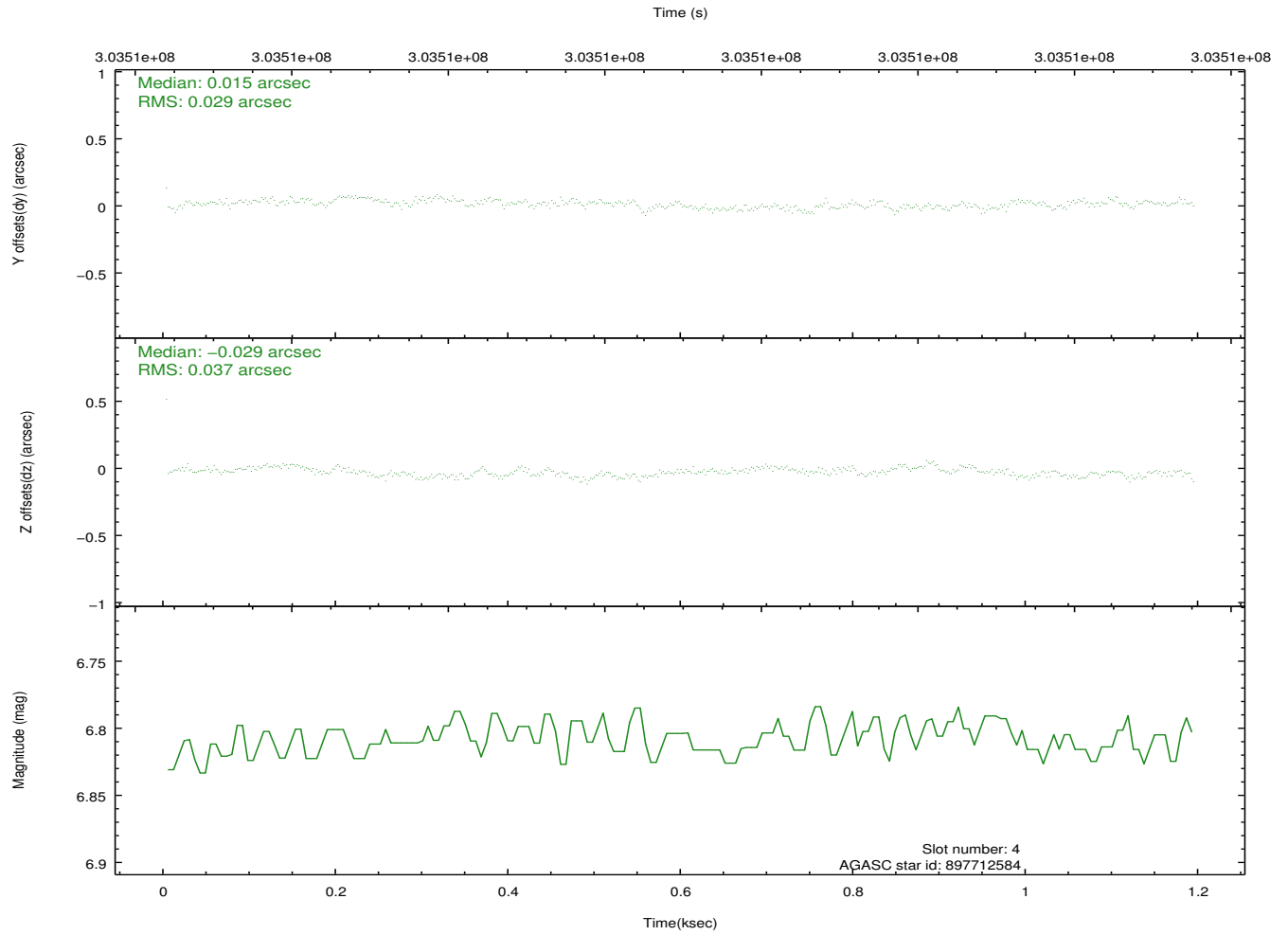
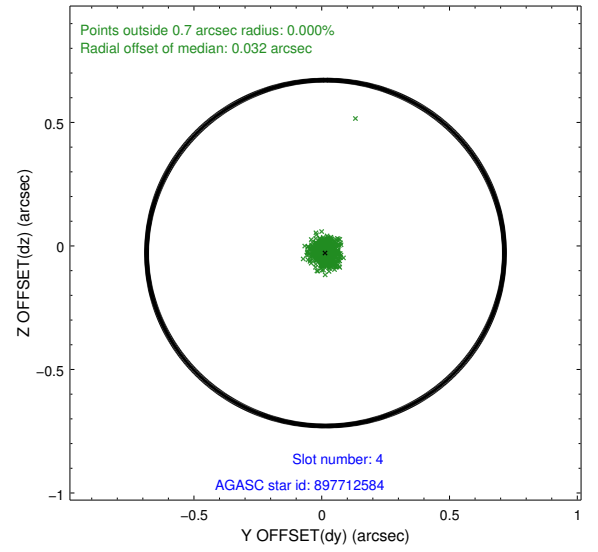
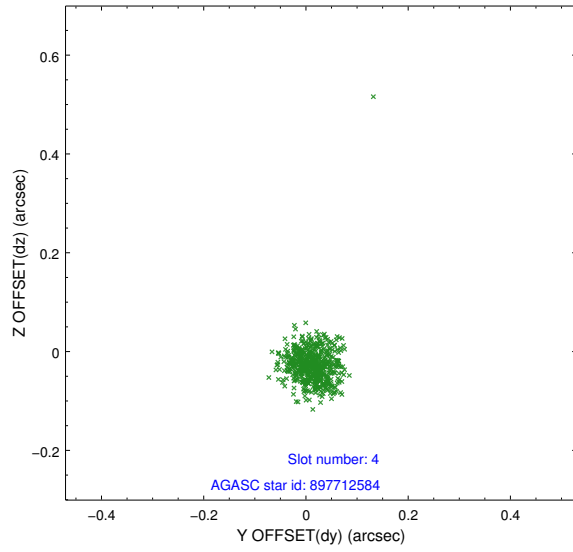
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	291	0.013	-0.038	0.005	0.010	0.000000	0.000000	-769.66	-1299.31
1	FID	HRC-I-3	7.05	291	-0.065	-0.045	0.007	0.010	0.000000	0.000000	-1200.79	1000.80
2	FID	HRC-I-4	6.98	291	0.166	-0.007	0.005	0.008	0.000000	0.000000	1269.23	1006.26
3	GUIDE	896011072	8.87	582	0.018	-0.199	0.090	0.156	267.780553	-27.396374	-1914.03	-2304.63
4	GUIDE	897712584	6.81	582	0.015	-0.029	0.045	0.070	268.003029	-28.022394	364.81	-1699.20
5	GUIDE	897717760	7.26	582	-0.114	0.176	0.060	0.101	268.392593	-27.282645	-2233.59	-332.69
6	GUIDE	897721048	7.73	582	-0.064	0.013	0.061	0.105	268.989561	-28.030814	548.49	1433.98
7	GUIDE	898236640	9.00	581	0.151	0.056	0.080	0.140	268.893541	-28.185549	1093.99	1102.93

## 2.4 Star Slots

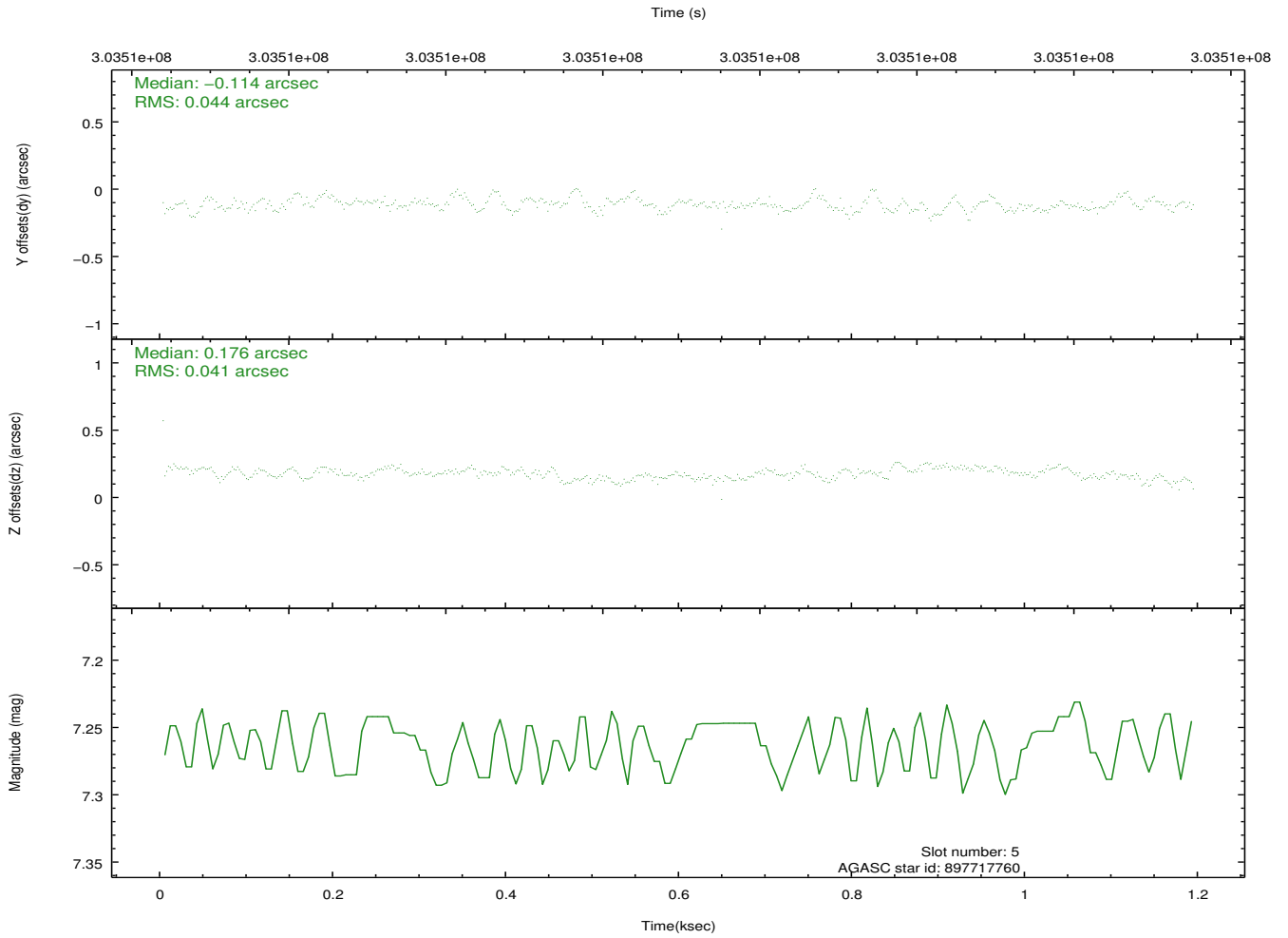
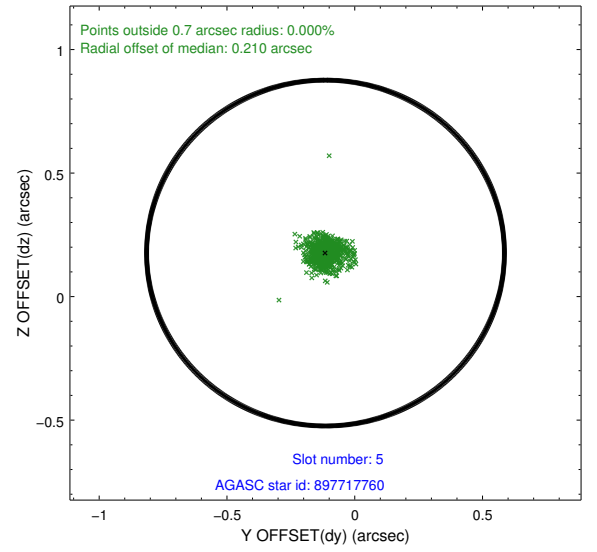
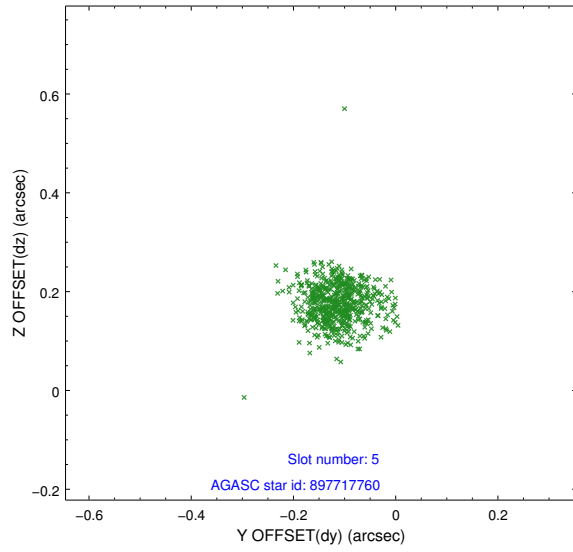
### 2.4.1 Slot 3



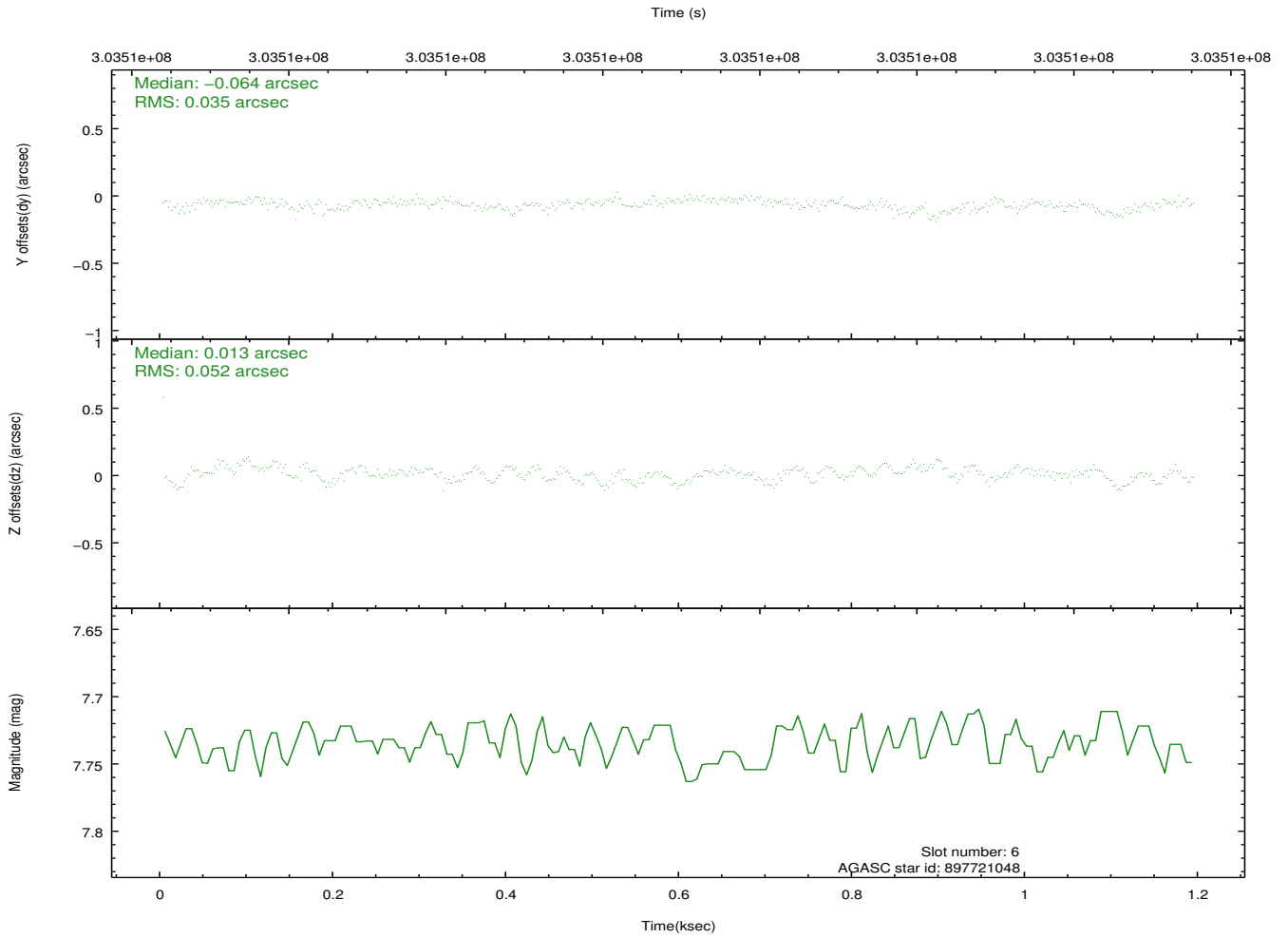
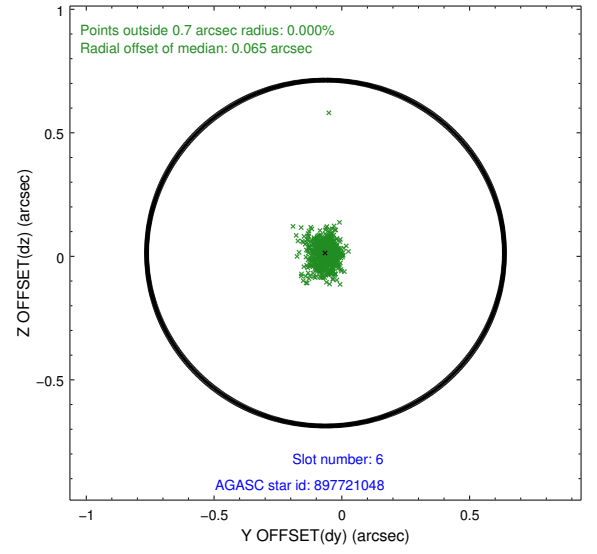
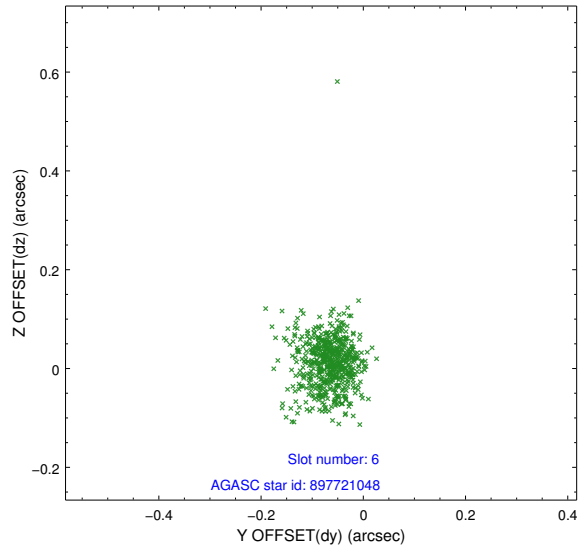
## 2.4.2 Slot 4



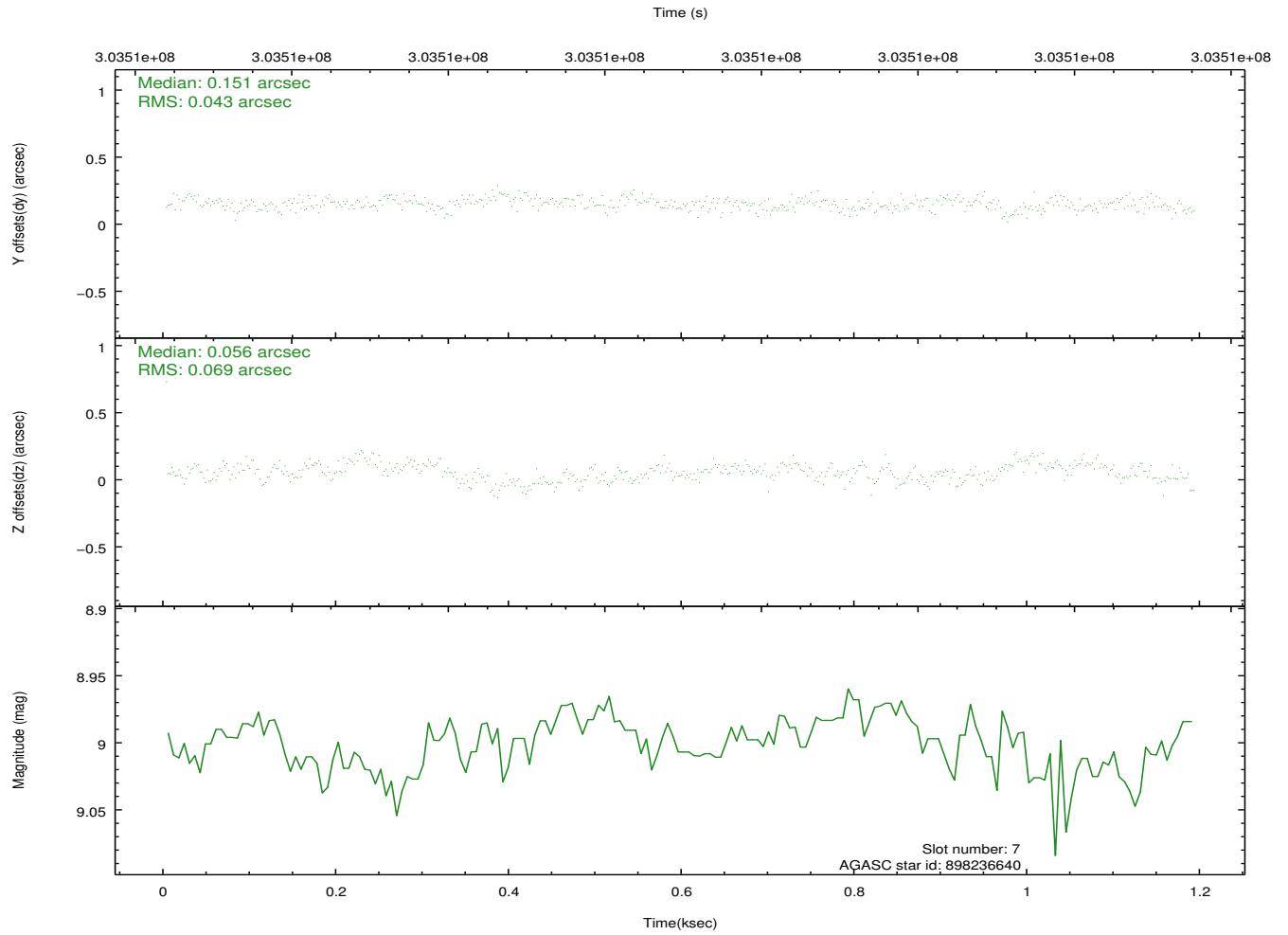
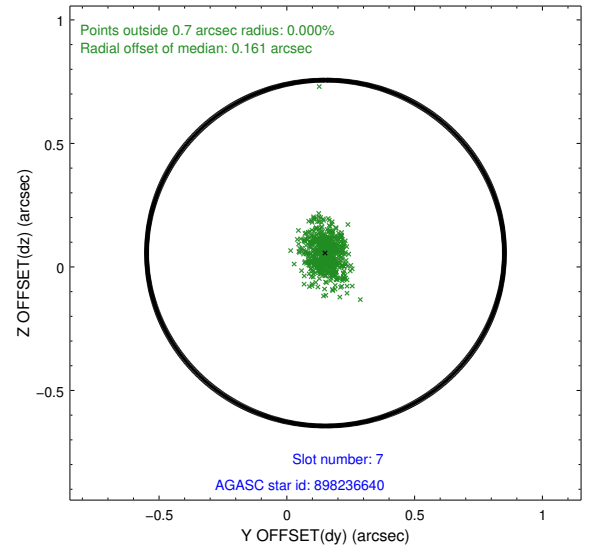
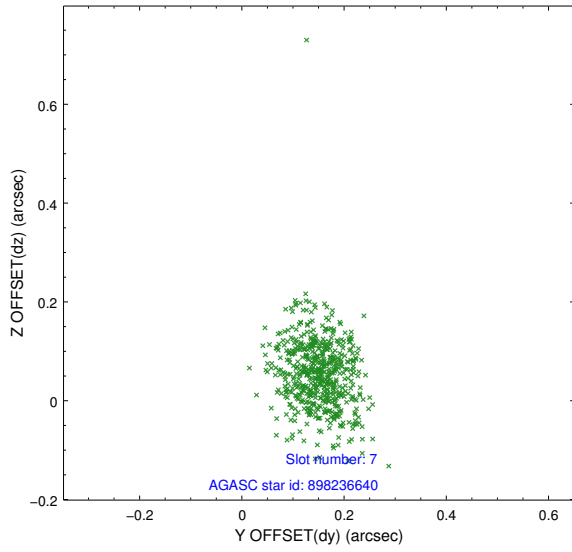
### 2.4.3 Slot 5



## 2.4.4 Slot 6

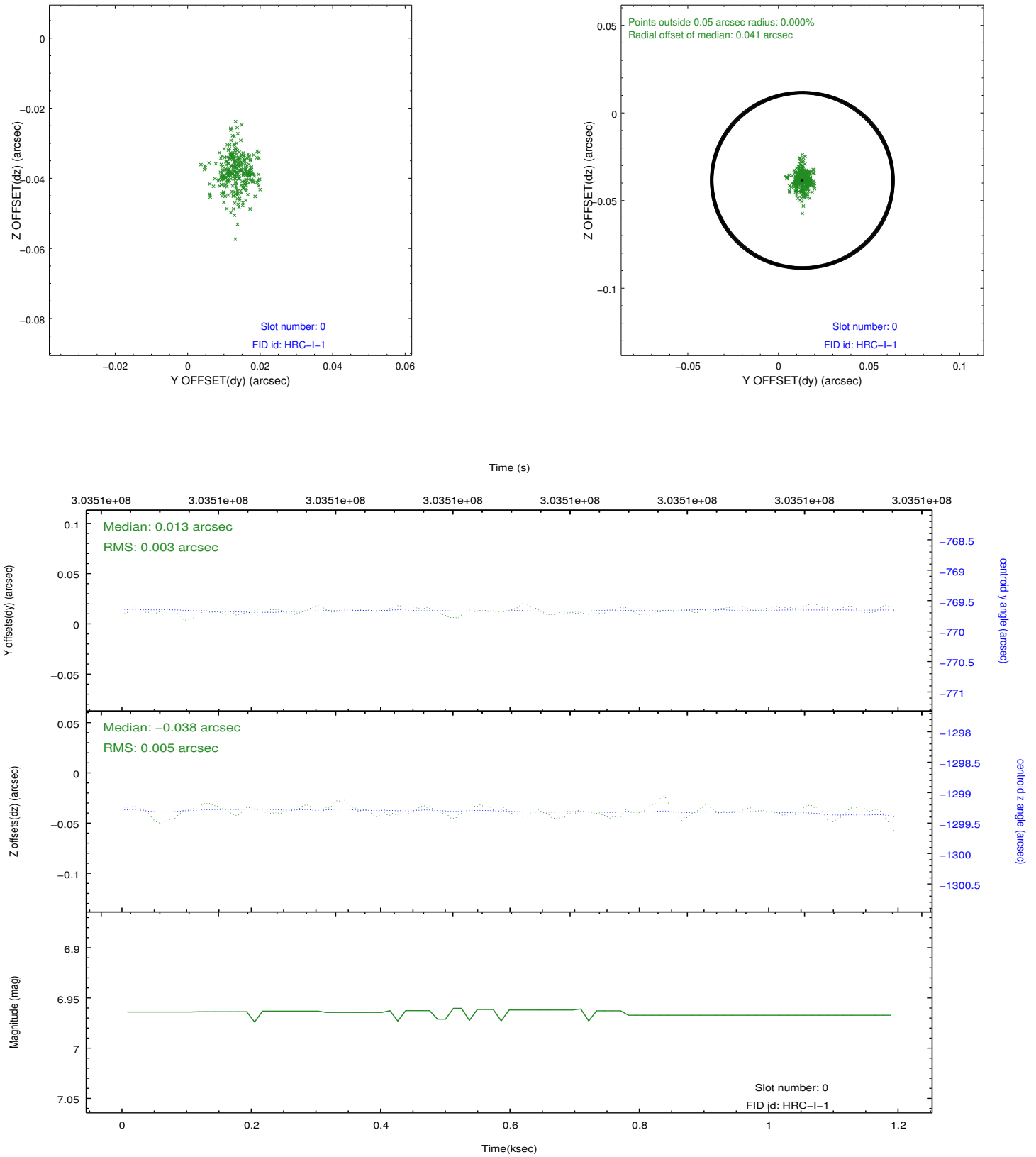


## 2.4.5 Slot 7

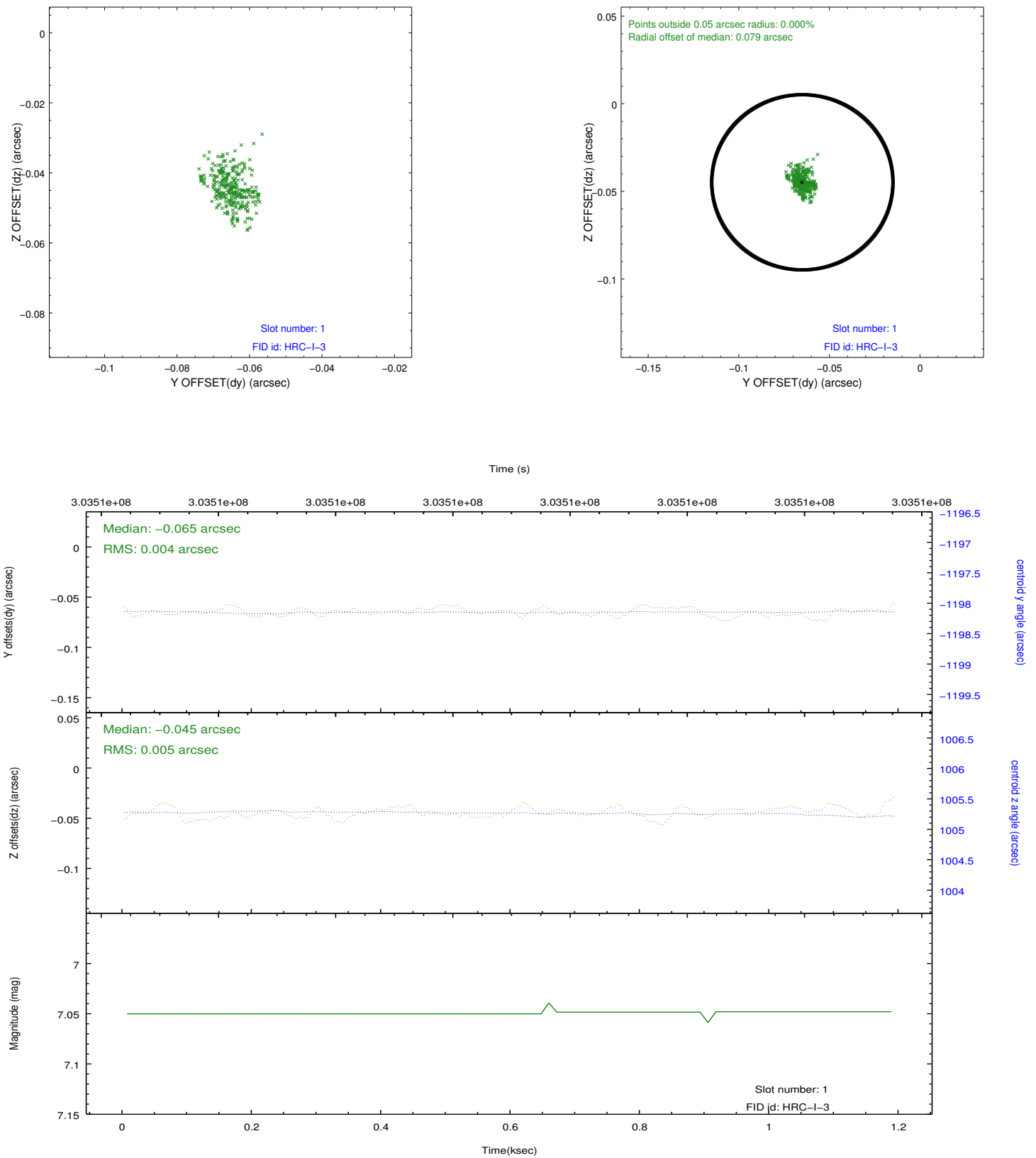


## 2.5 FID Slots

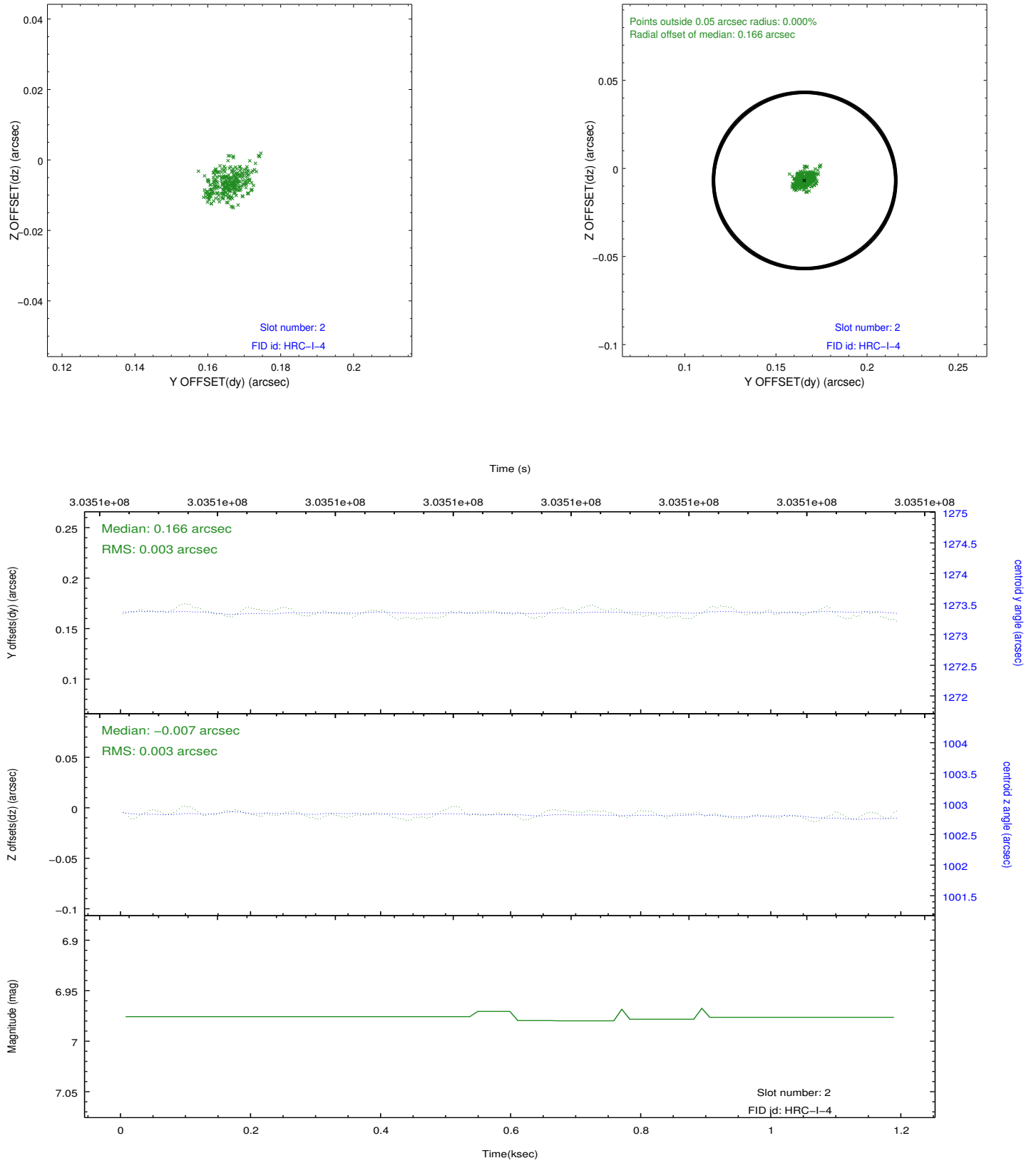
### 2.5.1 Slot 0



## 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)	2012.08.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.18900005

## A.2 Comments

Level 1 event data includes events from HRC-S for the following obsid superimposed on the HRC-I data for this observation. The HRC-S events are excluded in the Level 2 event data. These HRC-S events occur at the end of this observation and can be removed from the Level 1 event data by the user.