

# V&V Reference Report

## L2 ASCDS Version : 8.4.4

Observation 8140 - L2 Version 3  
Chandra X-Ray Center

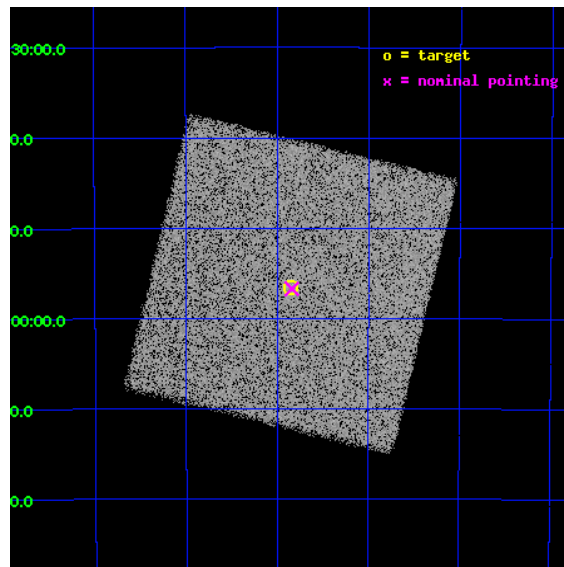
L2 Processing Date : Aug 12 2012

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# 1 Front

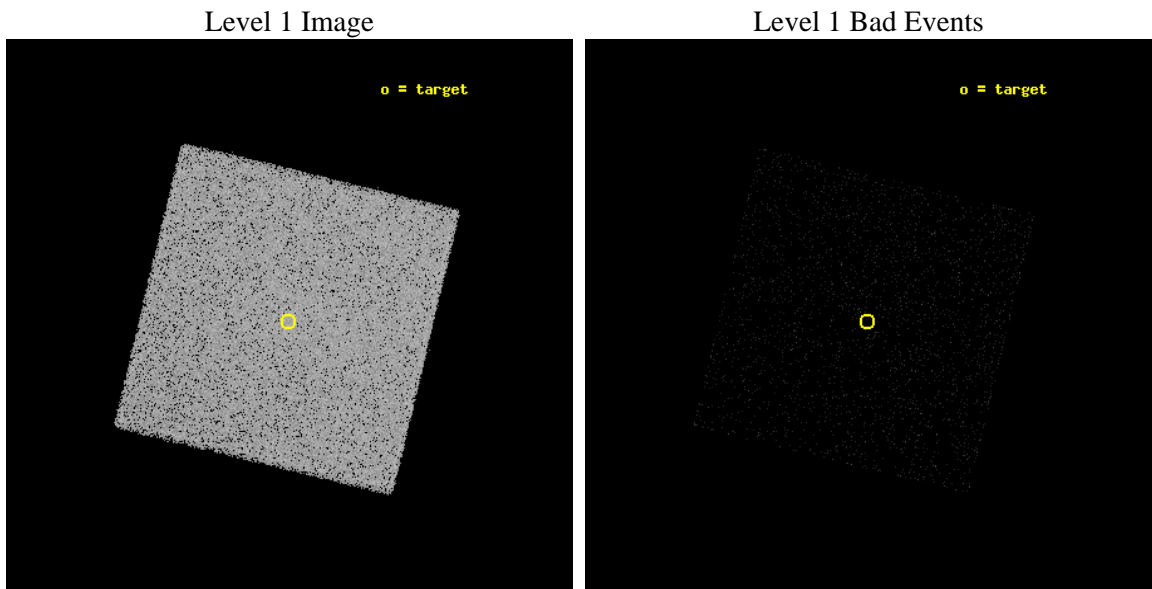
seq_num	900681	Sequence number
obs_id	8140	Observation id
title	ChICAGO GTO: Chandra Identification of Compact ASCA Galactic Objects	&#160
observer	Dr. Stephen Murray	Principal investigator
object	AX J163751-4656	Source name
ra_targ	249.464167	Observer's specified target RA [deg]
dec_targ	-46.944	Observer's specified target Dec [deg]
ra_nom	249.45990293197	Nominal RA [deg]
dec_nom	-46.945531095485	Nominal Dec [deg]
roll_nom	238.56949531528	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1493.6813220382	[s]
livetime	1478.8305757035	Ontime multiplied by DTCOR
l2events	86003	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	1300.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1493.6813220382	[s]
caldbver	4.5.1.1	&#160	l1events	170482	Number of level 1 events
date	2012-08-12T05:35:57	Date and time of file creation			
revision	3	Processing version of data			

### 2.1.3 Events

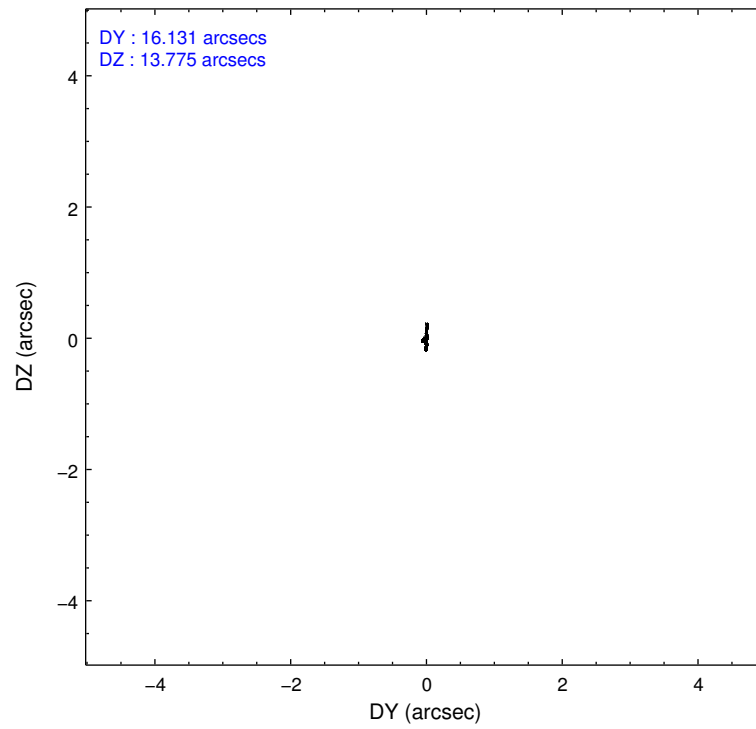
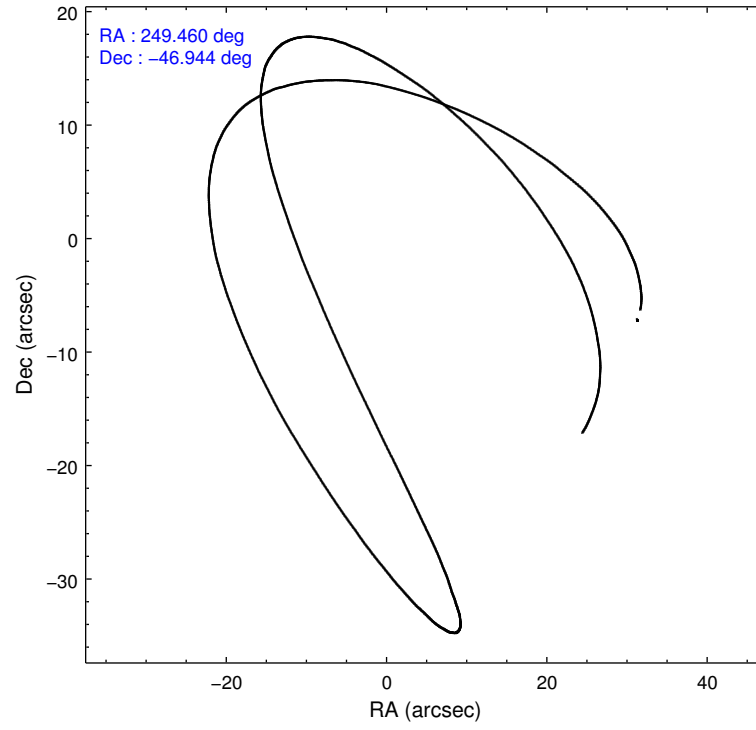
#### Level 1 Events

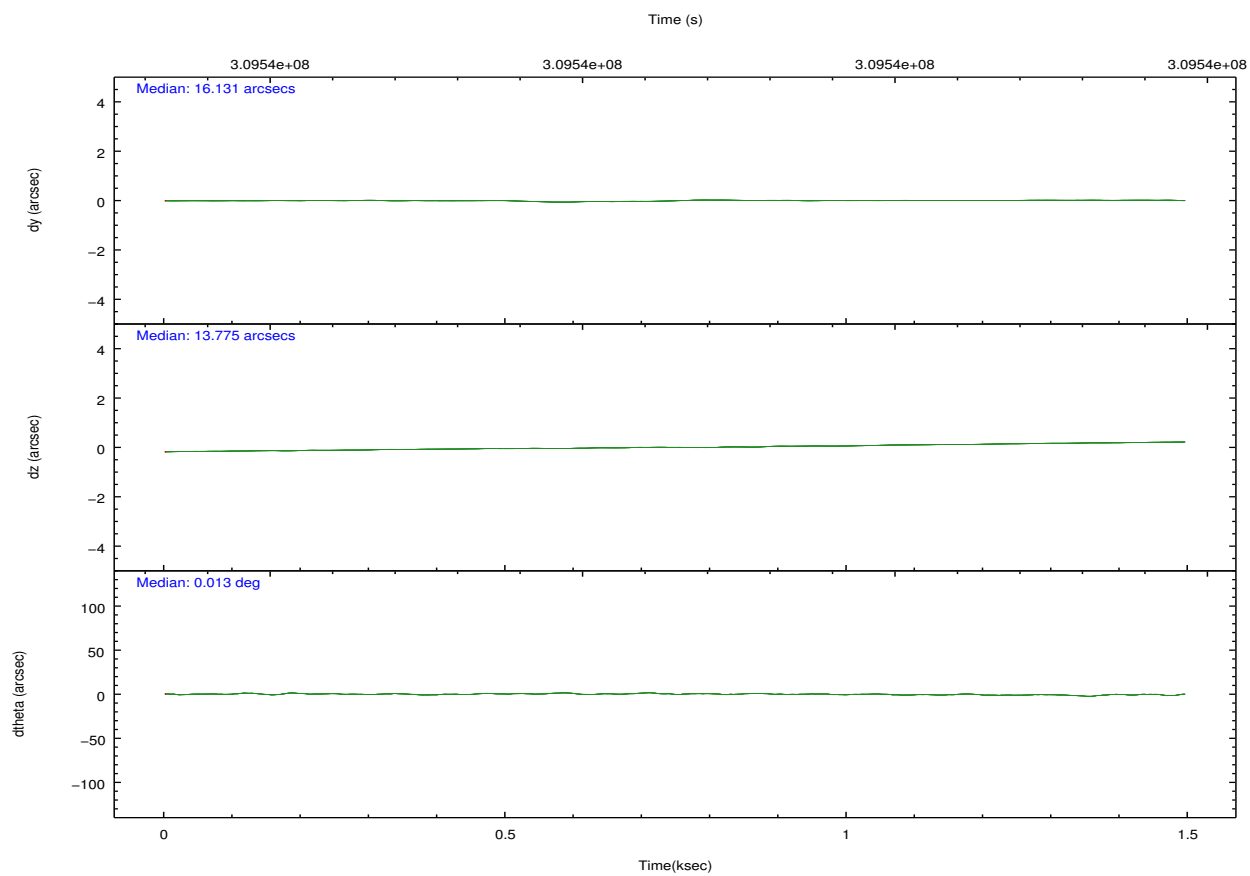
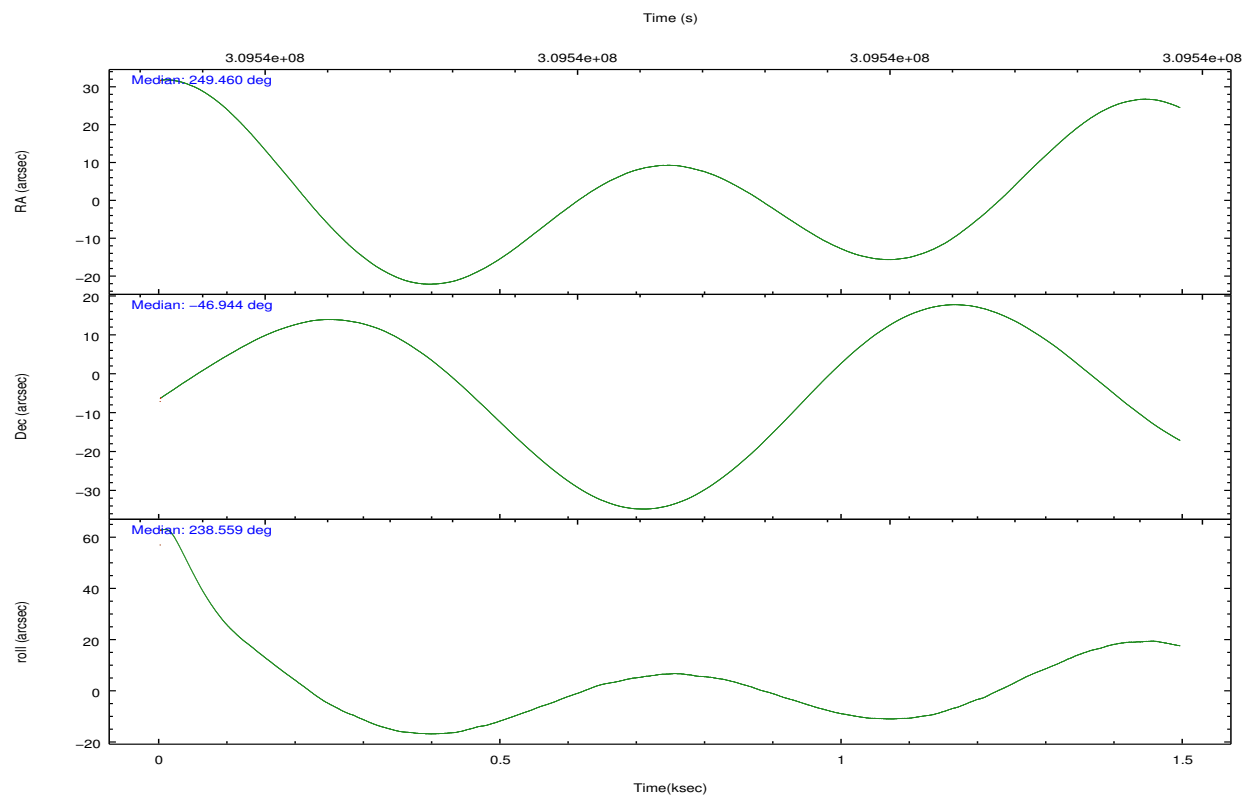
	<b>segment 0</b>
level 1 events	170482
rejected events	43756
rejected %	25%

## 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	249.459296	249.4599029319717			
[deg] Pointing Dec	-46.919336	-46.94553109548473			
[deg] Pointing Roll	238.664241	238.5694953152838			
[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)	309537093.184000	309536588.26318			
Observation start date	2007-10-23T14:30:28	2007-10-23T14:23:08			
[s] Observation end time (MET)	309538393.184000	309538598.80077			
Observation end date	2007-10-23T14:52:08	2007-10-23T14:56:38			

## 2.3 Aspect





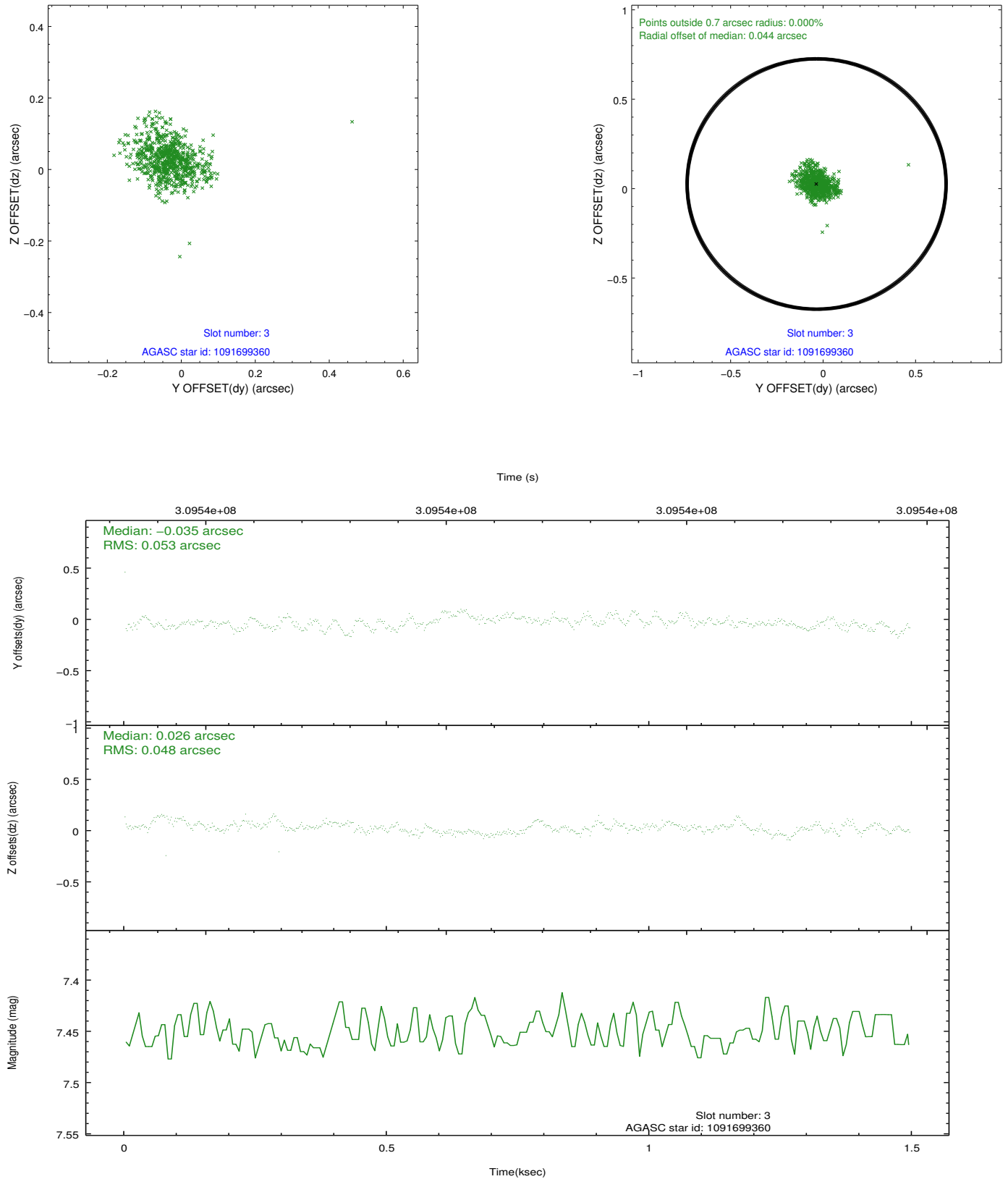
### Slot Statistics

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	365	-0.102	-0.036	0.008	0.013	0.000000	0.000000	-772.17	-1301.80
1	FID	HRC-I-2	7.01	365	0.173	-0.056	0.008	0.014	0.000000	0.000000	838.62	-1307.09
2	FID	HRC-I-4	7.00	365	0.045	0.000	0.007	0.010	0.000000	0.000000	1273.25	996.65
3	GUIDE	1091699360	7.45	730	-0.035	0.026	0.073	0.121	248.660725	-47.004364	1294.11	-1509.40
4	GUIDE	1091704824	9.14	728	0.057	-0.059	0.079	0.130	249.173141	-47.336759	1653.83	184.45
5	GUIDE	1091705016	7.82	730	-0.143	-0.040	0.063	0.097	249.888030	-47.558250	1431.53	2088.28
6	GUIDE	1091709408	9.21	730	0.126	-0.021	0.091	0.149	249.304466	-47.312562	1412.35	417.17
7	GUIDE	1091204664	8.36	729	-0.008	0.096	0.071	0.115	248.658352	-46.526357	-161.37	-2423.77

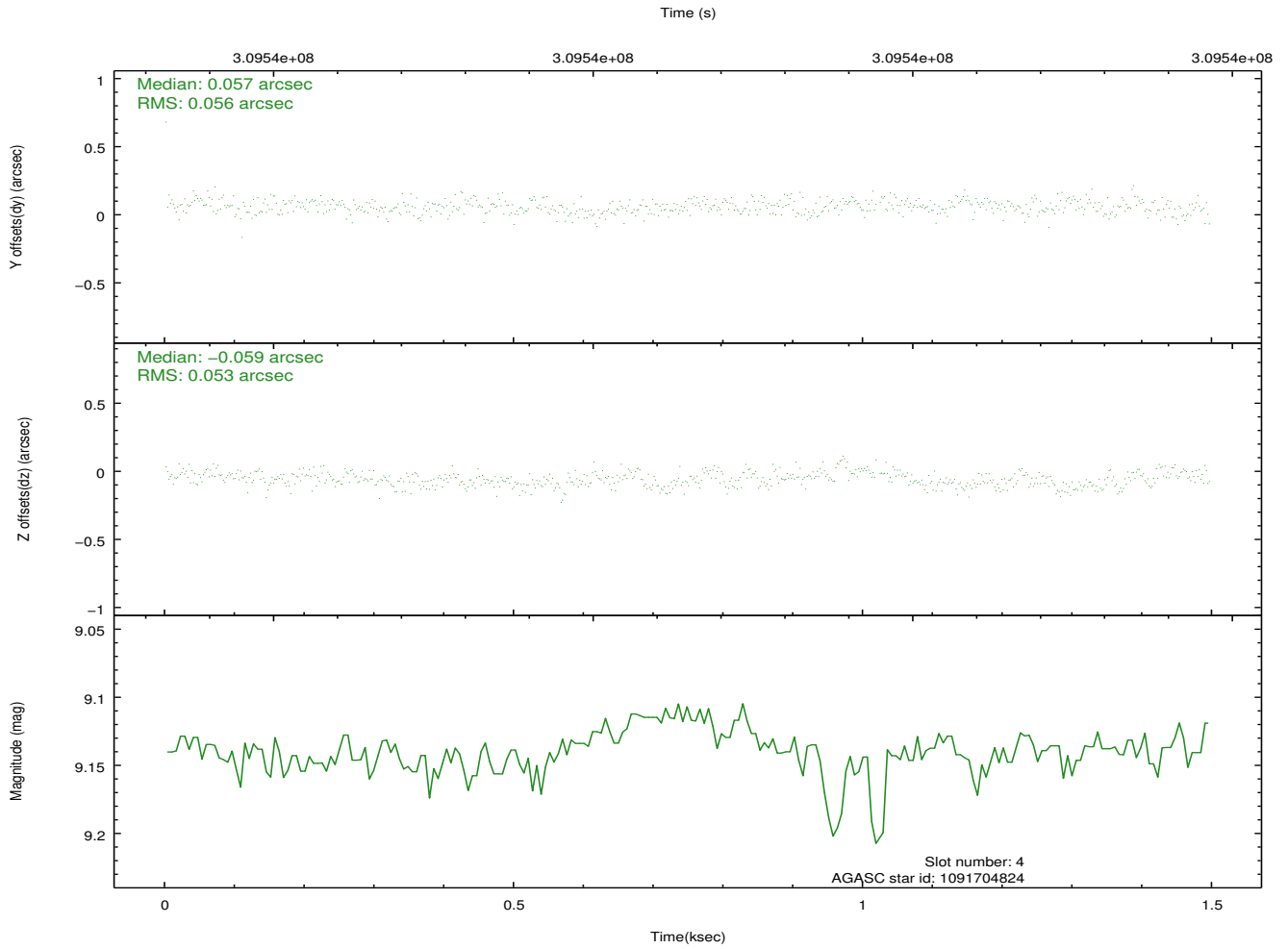
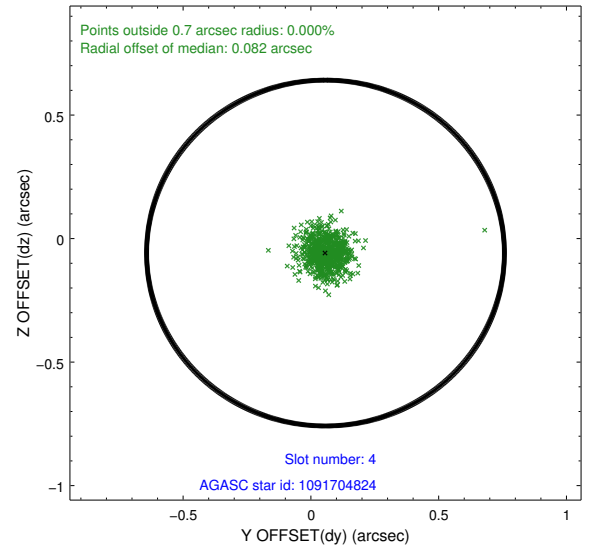
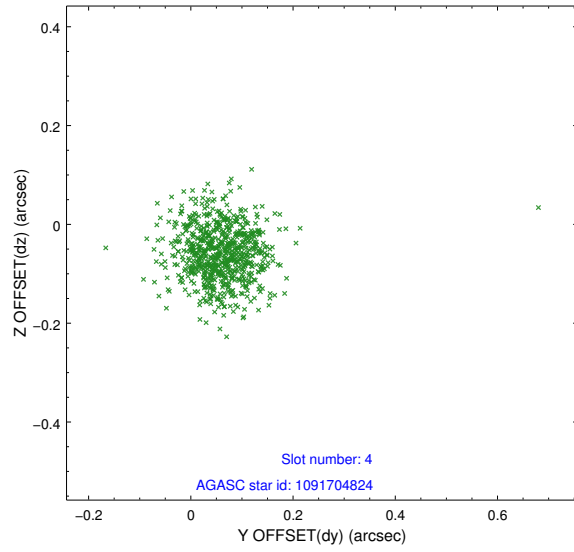


## 2.4 Star Slots

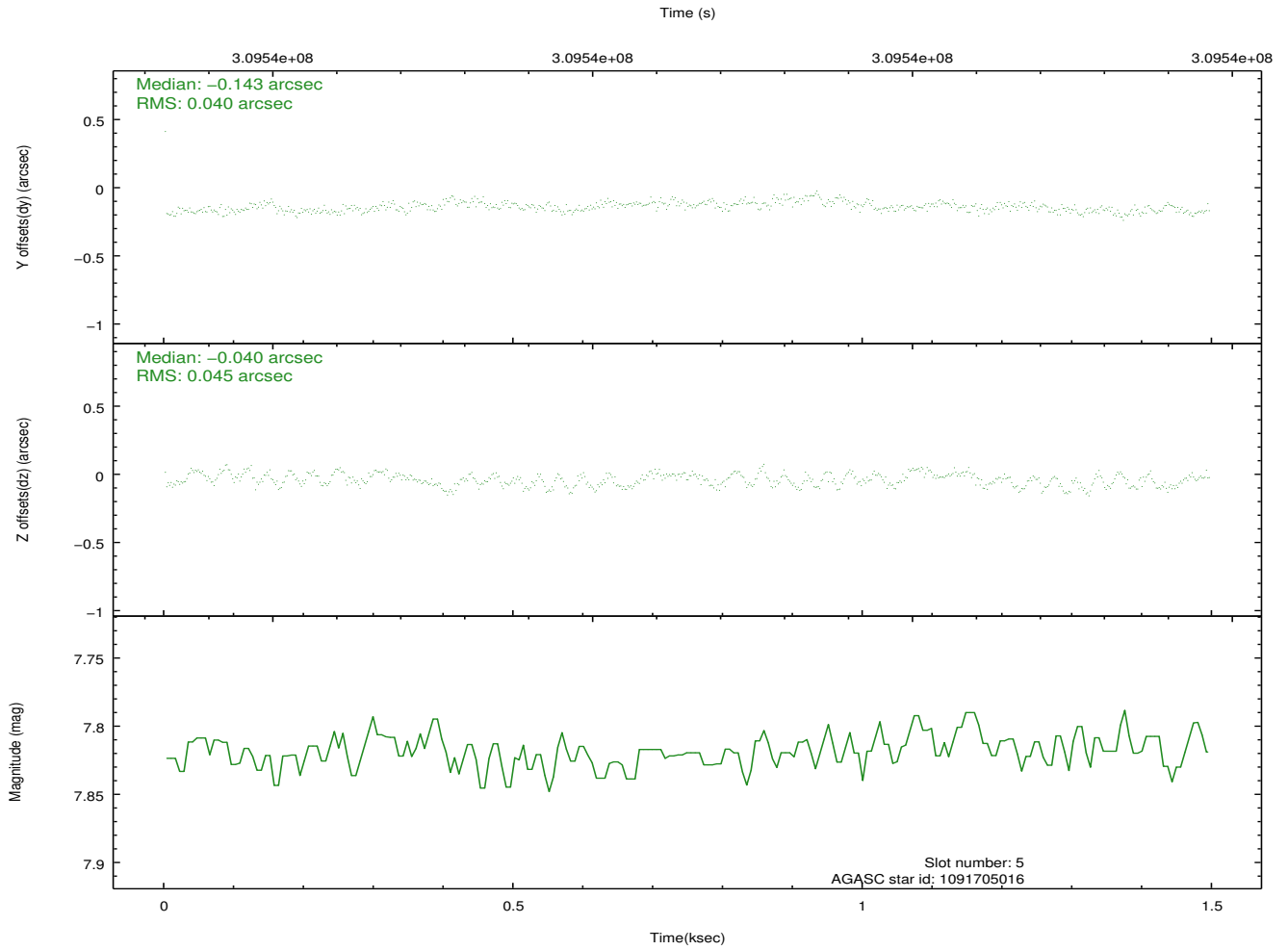
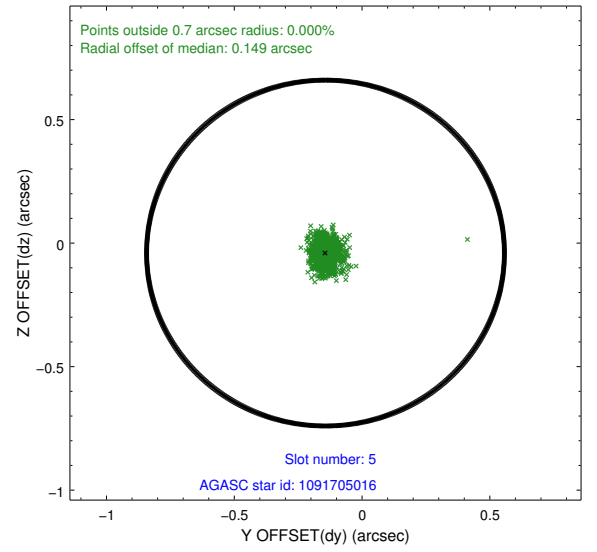
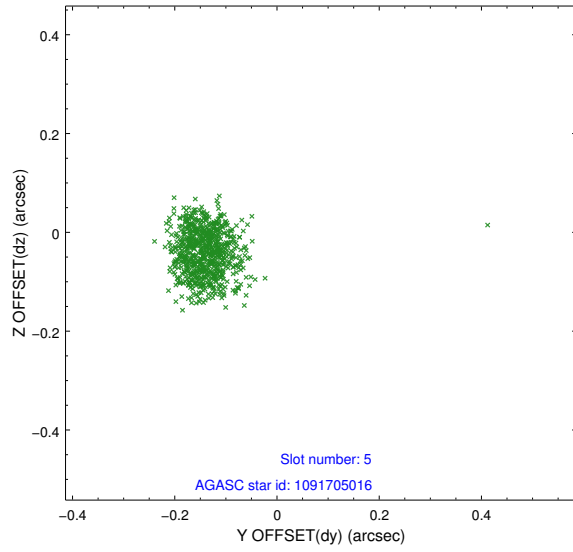
### 2.4.1 Slot 3



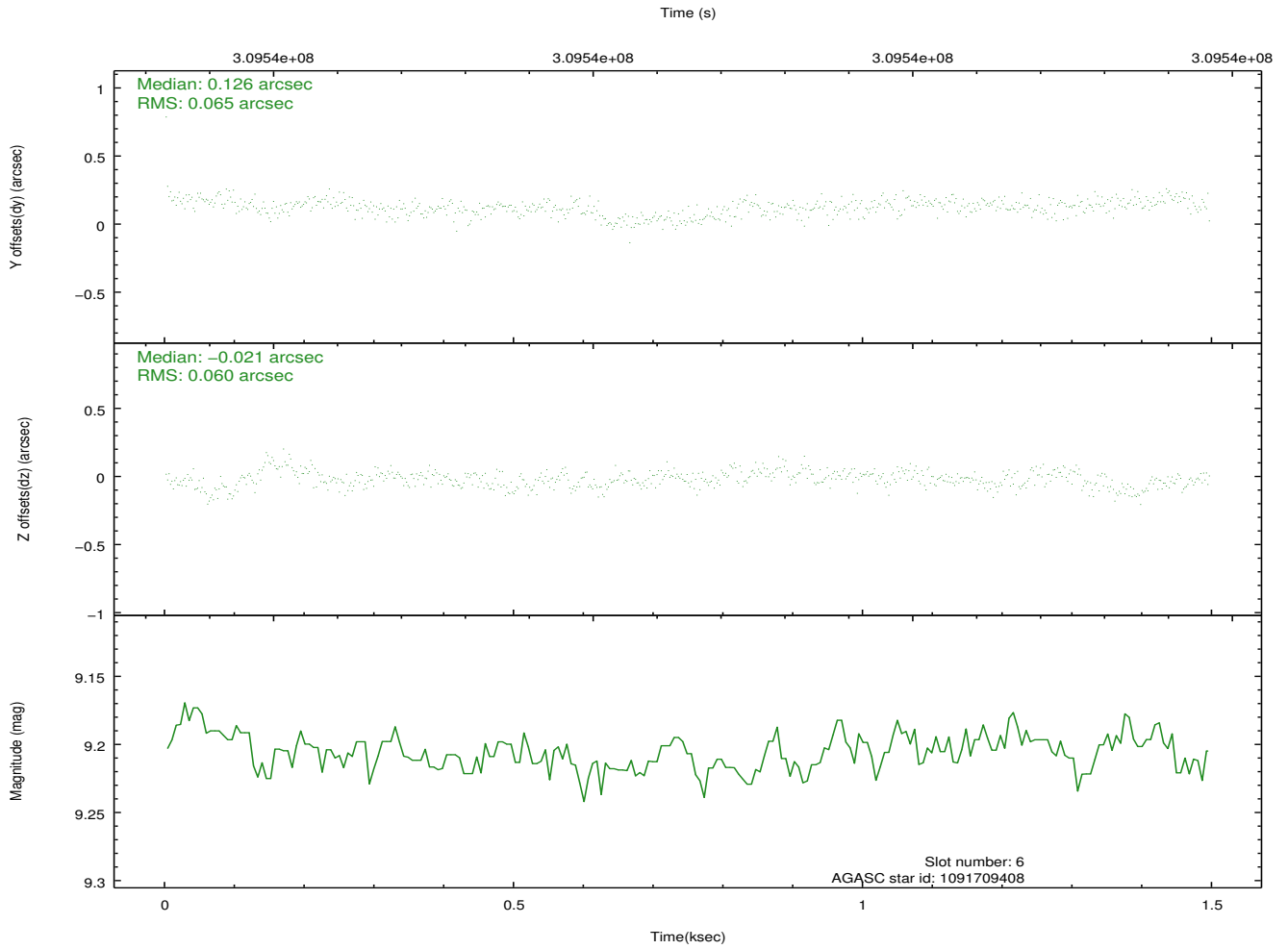
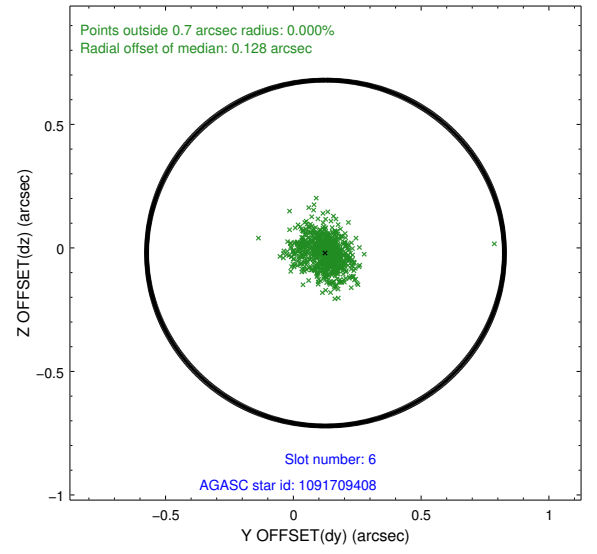
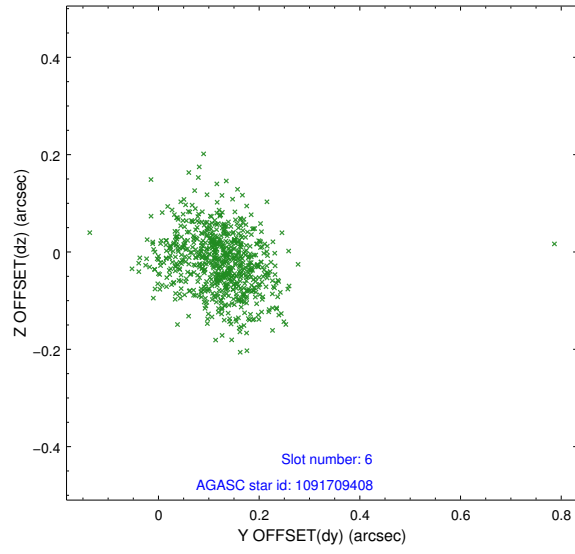
## 2.4.2 Slot 4



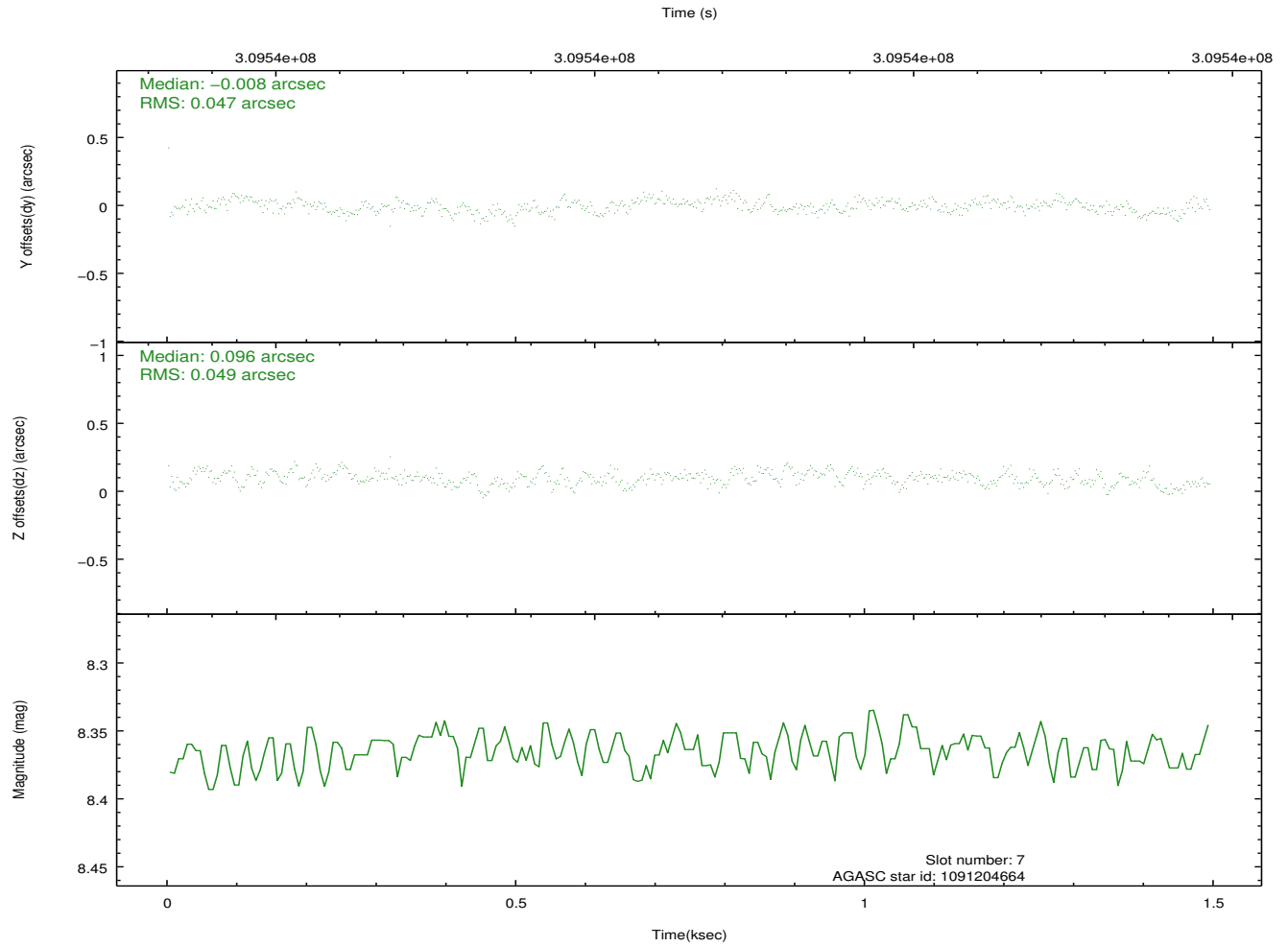
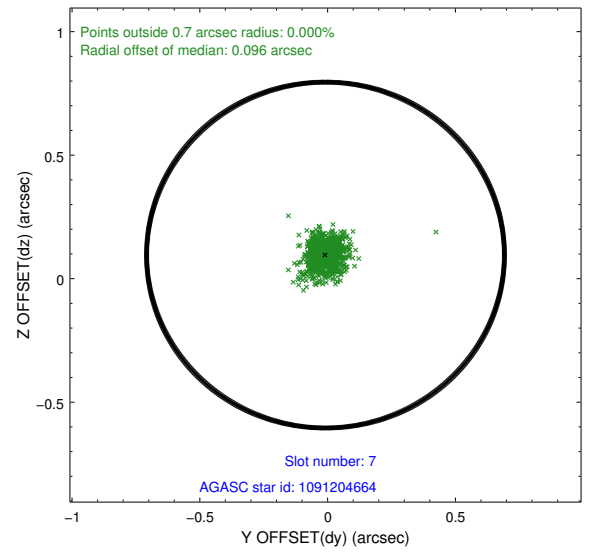
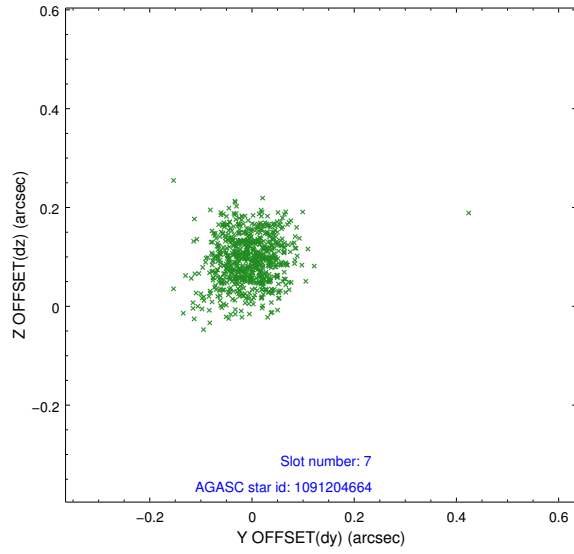
### 2.4.3 Slot 5



## 2.4.4 Slot 6

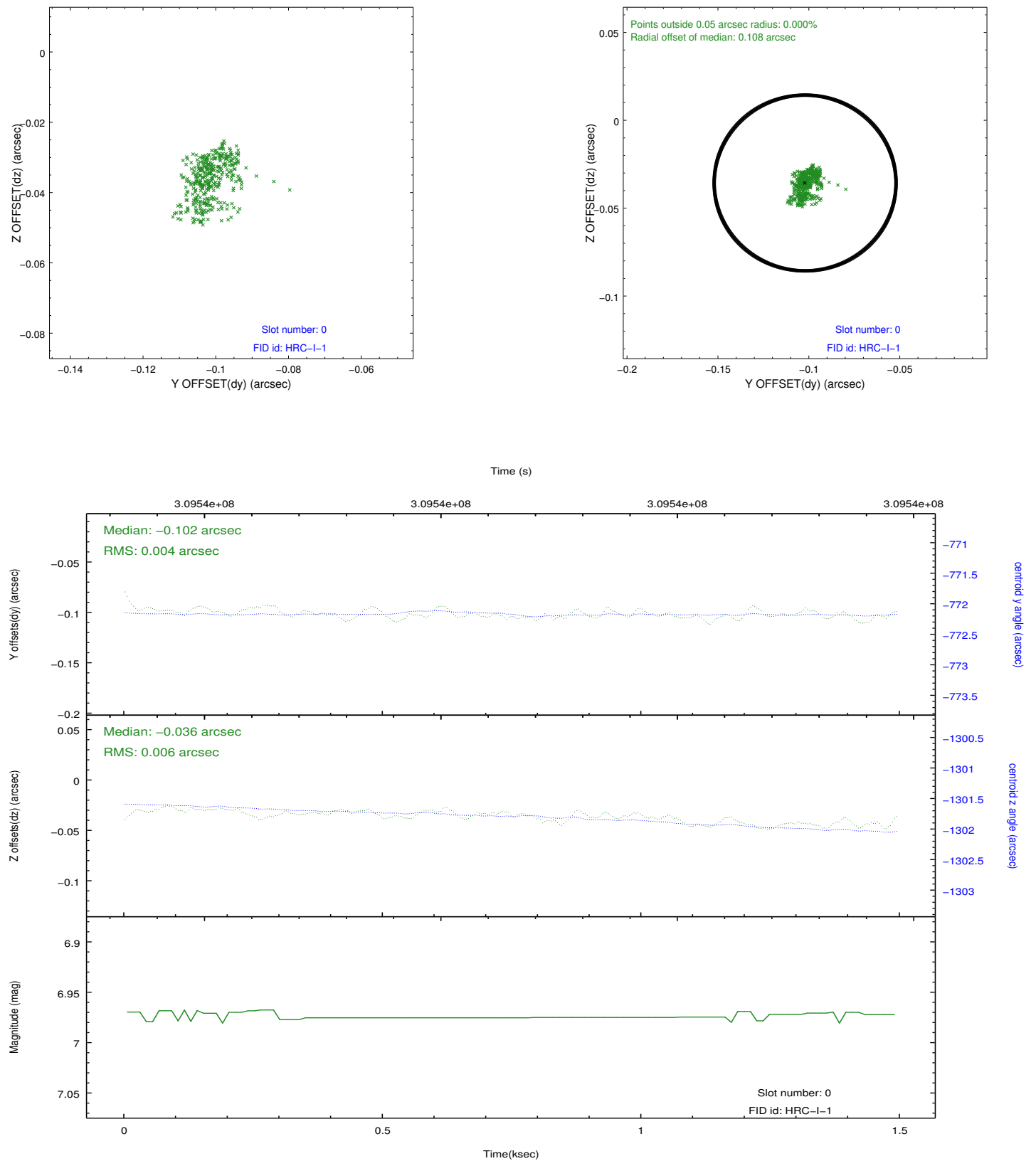


## 2.4.5 Slot 7

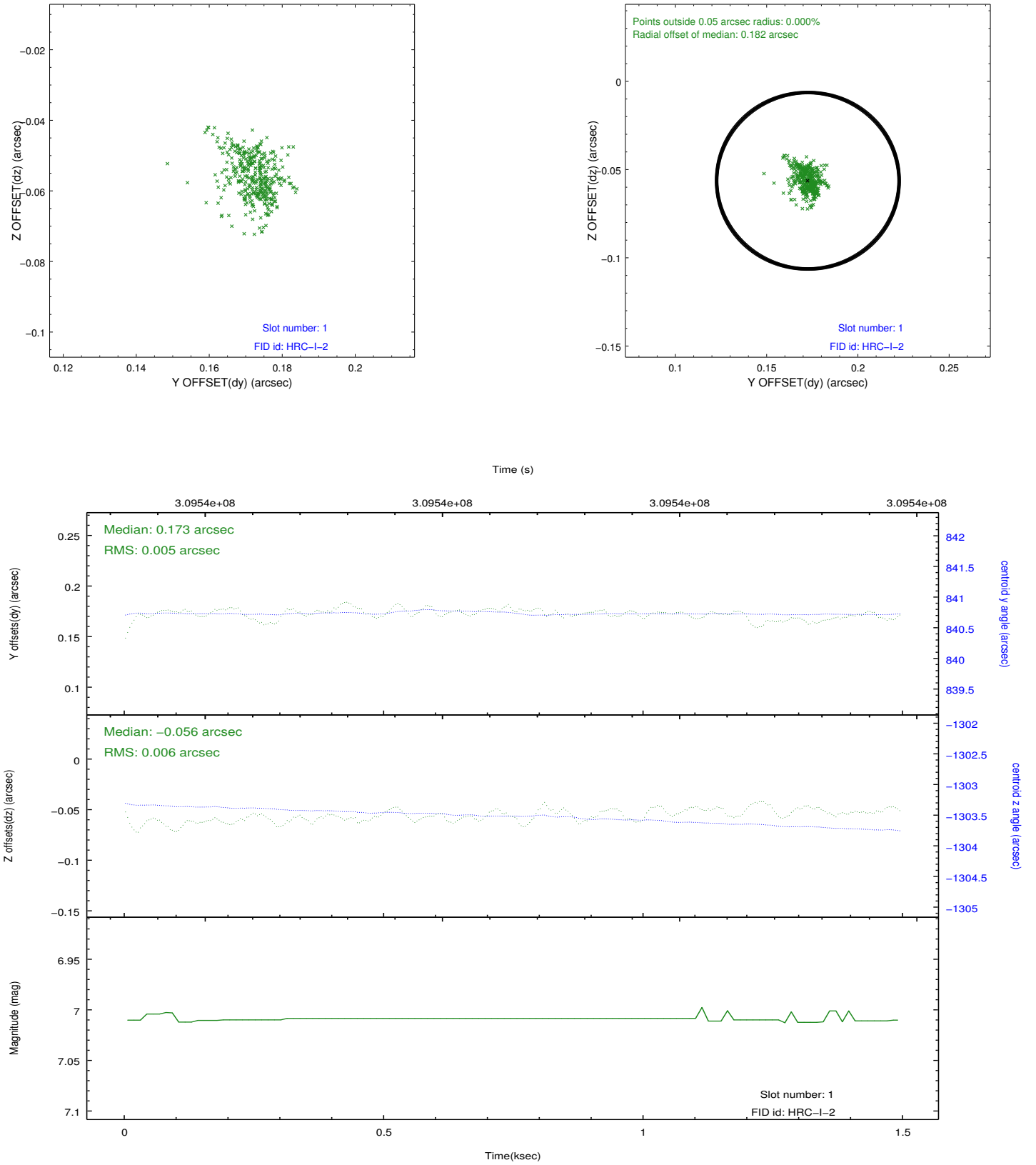


## 2.5 FID Slots

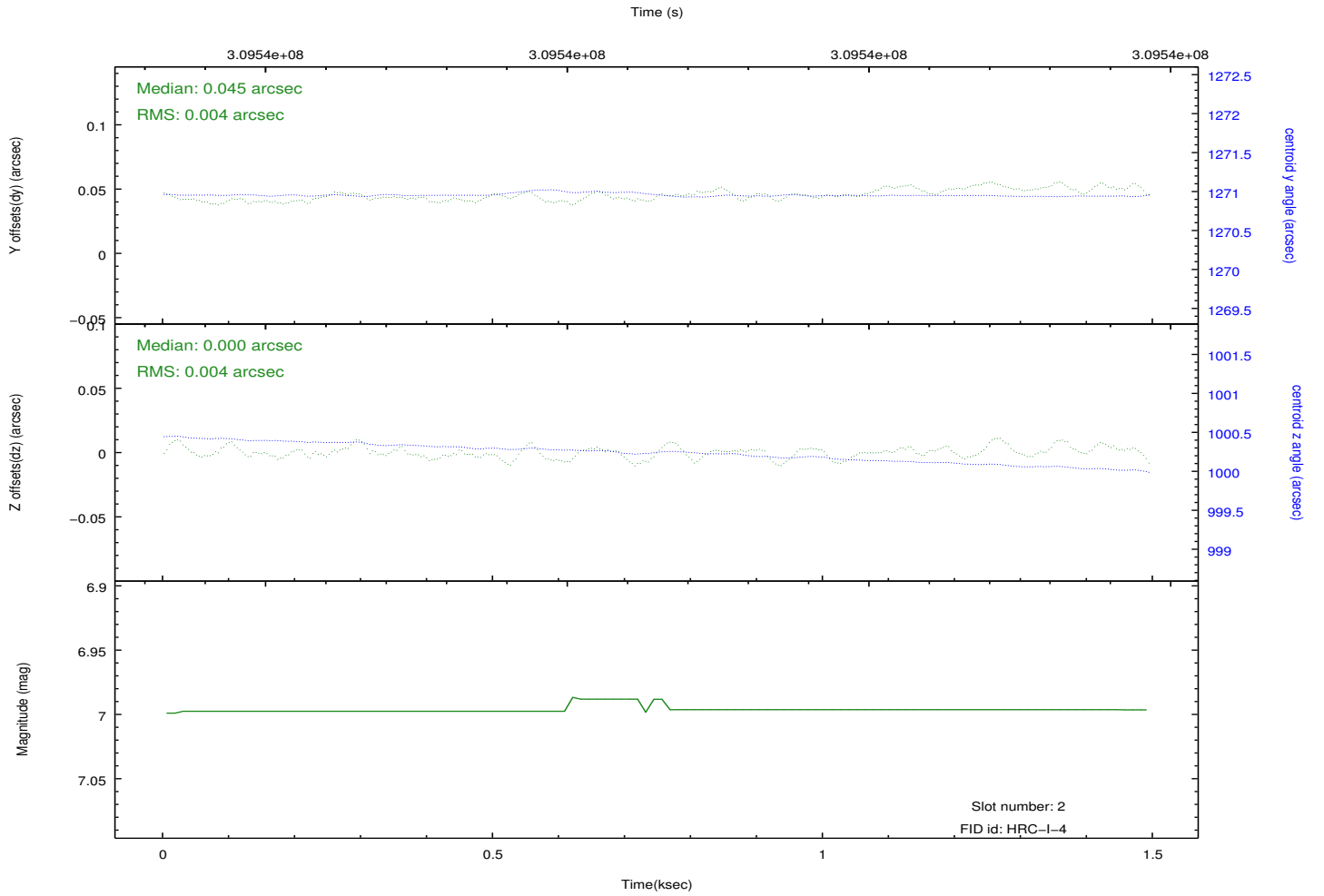
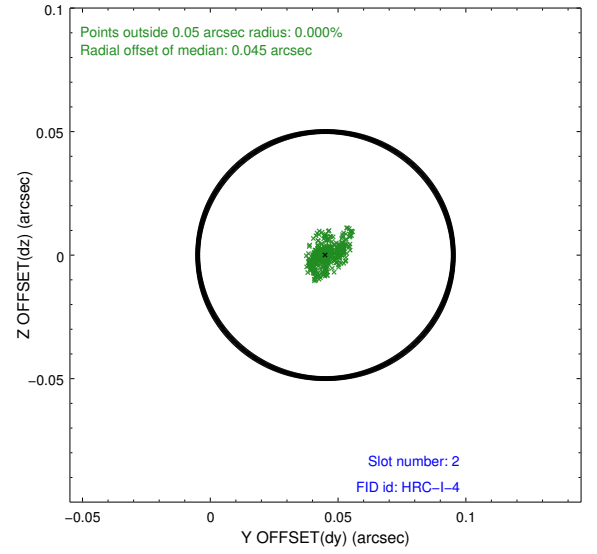
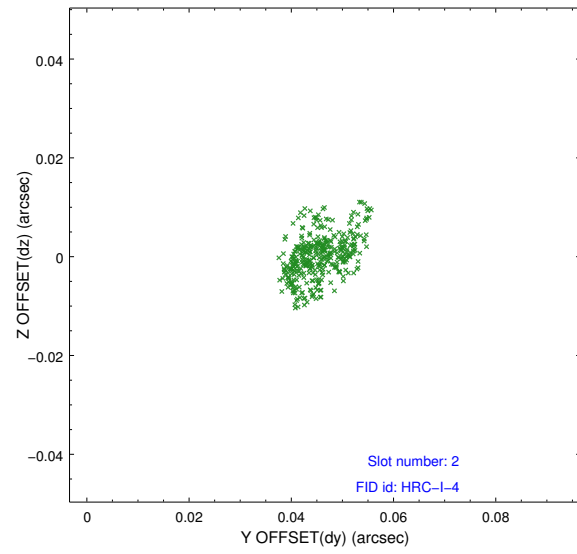
### 2.5.1 Slot 0



## 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	1.49368132

### A.2 Comments