

# V&V Reference Report

## L2 ASCDS Version : 8.4.3

Observation 12499 - L2 Version 3  
Chandra X-Ray Center

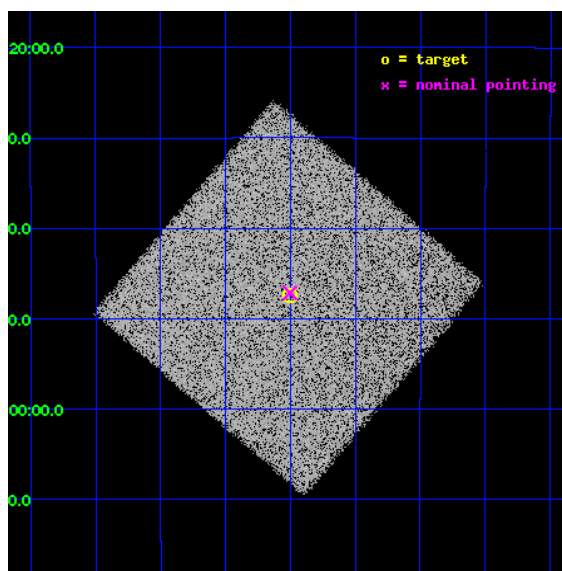
L2 Processing Date : Jul 27 2012

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# 1 Front

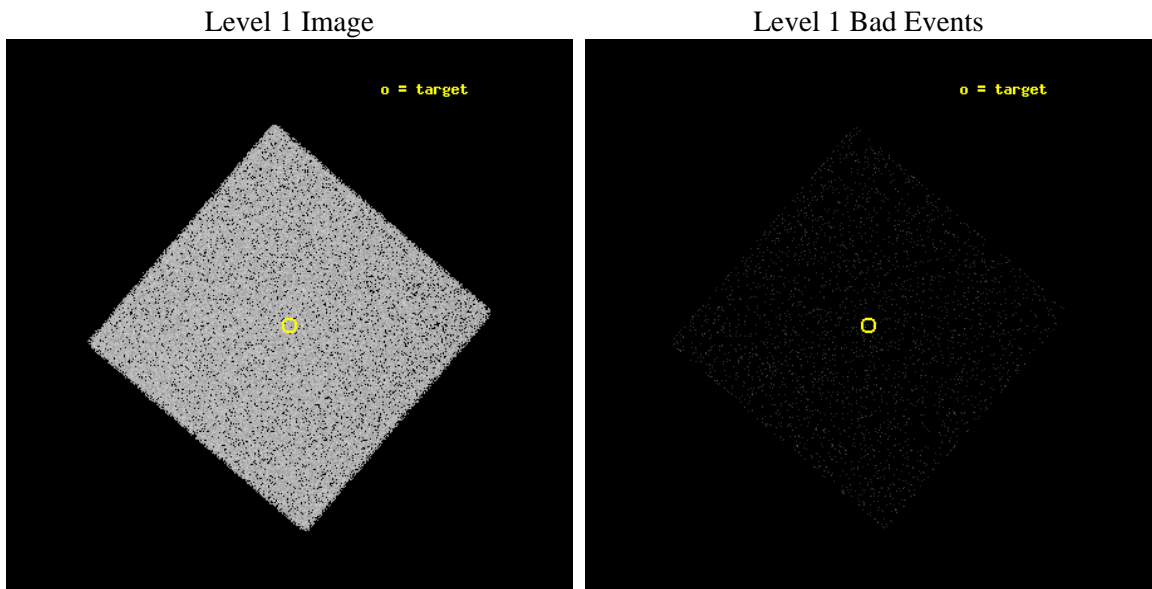
seq_num	401240	Sequence number
obs_id	12499	Observation id
title	PRECISE CHANDRA LOCALIZATION OF FAINT PERSISTENT X-RAY SOURCES NEAR THE GALACTIC PLANE	Proposal title
observer	Dr. Alexander Lutovinov	Principal investigator
object	IGR J18219-1347	Source name
ra_targ	275.5	Observer's specified target RA [deg]
dec_targ	-13.79	Observer's specified target Dec [deg]
ra_nom	275.50107064697	Nominal RA [deg]
dec_nom	-13.785898884302	Nominal Dec [deg]
roll_nom	85.678495285782	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1188.2313115001	[s]
livetime	1176.0784877075	Ontime multiplied by DTCOR
l2events	82734	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1188.2313115001	[s]
caldbver	4.5.1	&#160	l1events	174411	Number of level 1 events
date	2012-07-27T20:13:39	Date and time of file creation			
revision	3	Processing version of data			

### 2.1.3 Events

#### Level 1 Events

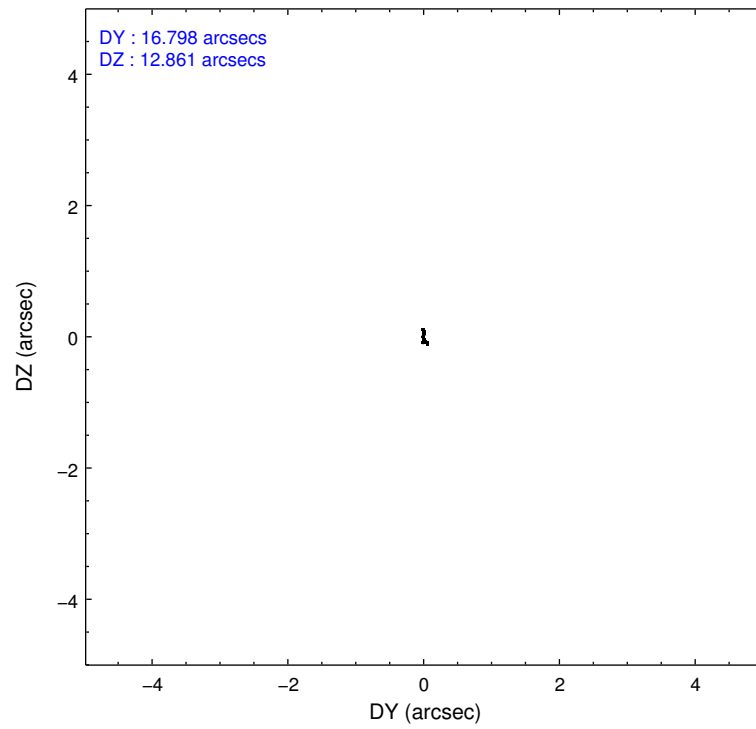
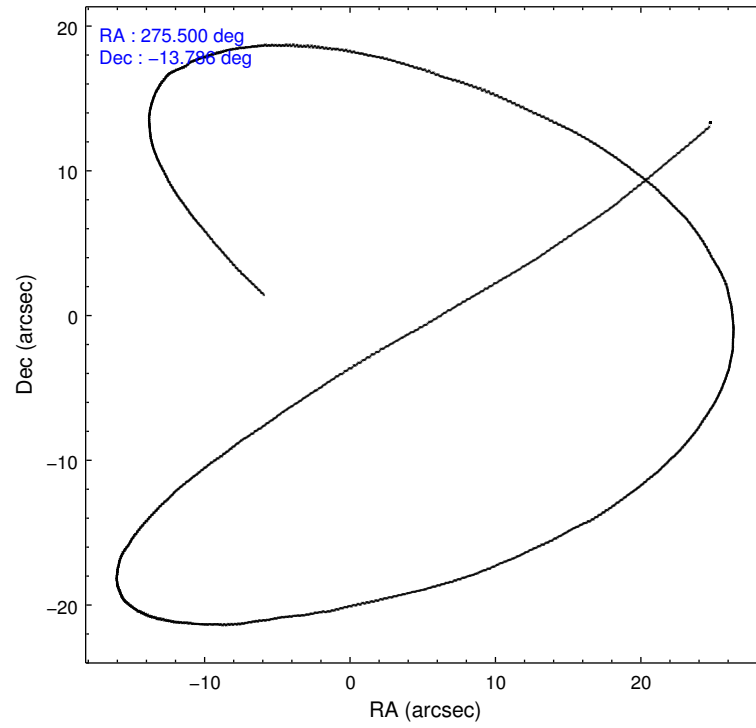
	<b>segment 0</b>
level 1 events	174411
rejected events	57813
rejected %	33%

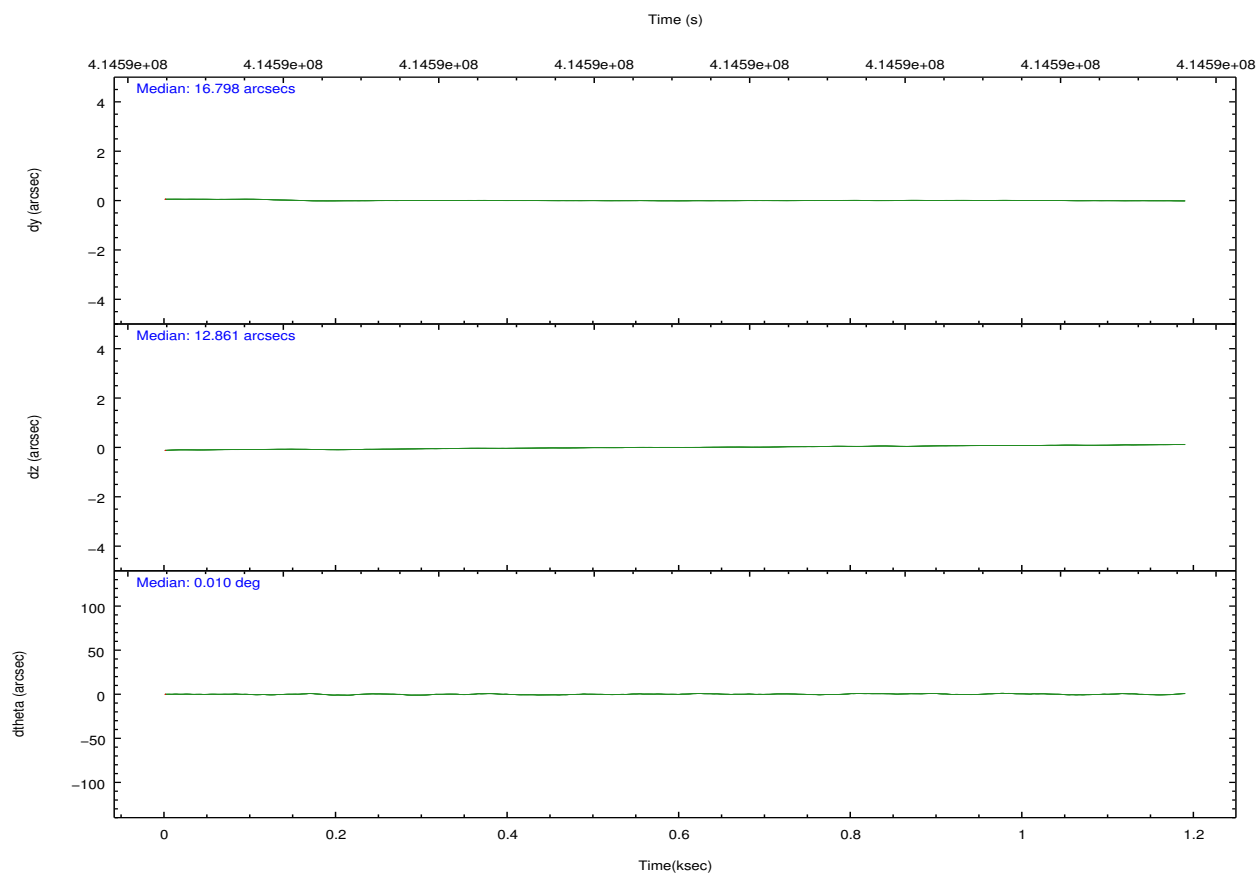
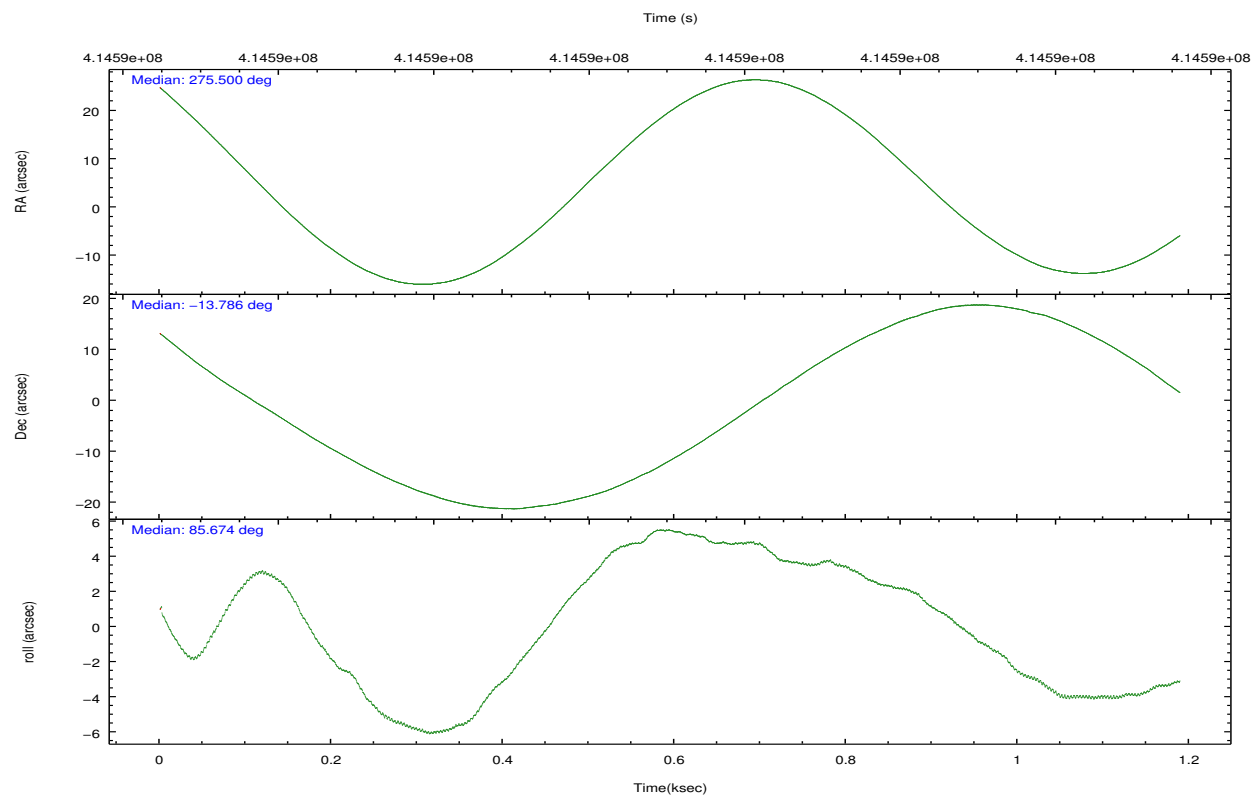
## 2.2 Compared Parameters

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	275.514621	275.5010706469657
[deg] Pointing Dec	-13.810435	-13.785898884302
[deg] Pointing Roll	85.777209	85.67849528578233
[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)	414591903.184000	414591318.66078
Observation start date	2011-02-20T12:23:57	2011-02-20T12:15:18
[s] Observation end time (MET)	414592903.184000	414593096.01087
Observation end date	2011-02-20T12:40:37	2011-02-20T12:44:56

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

## 2.3 Aspect





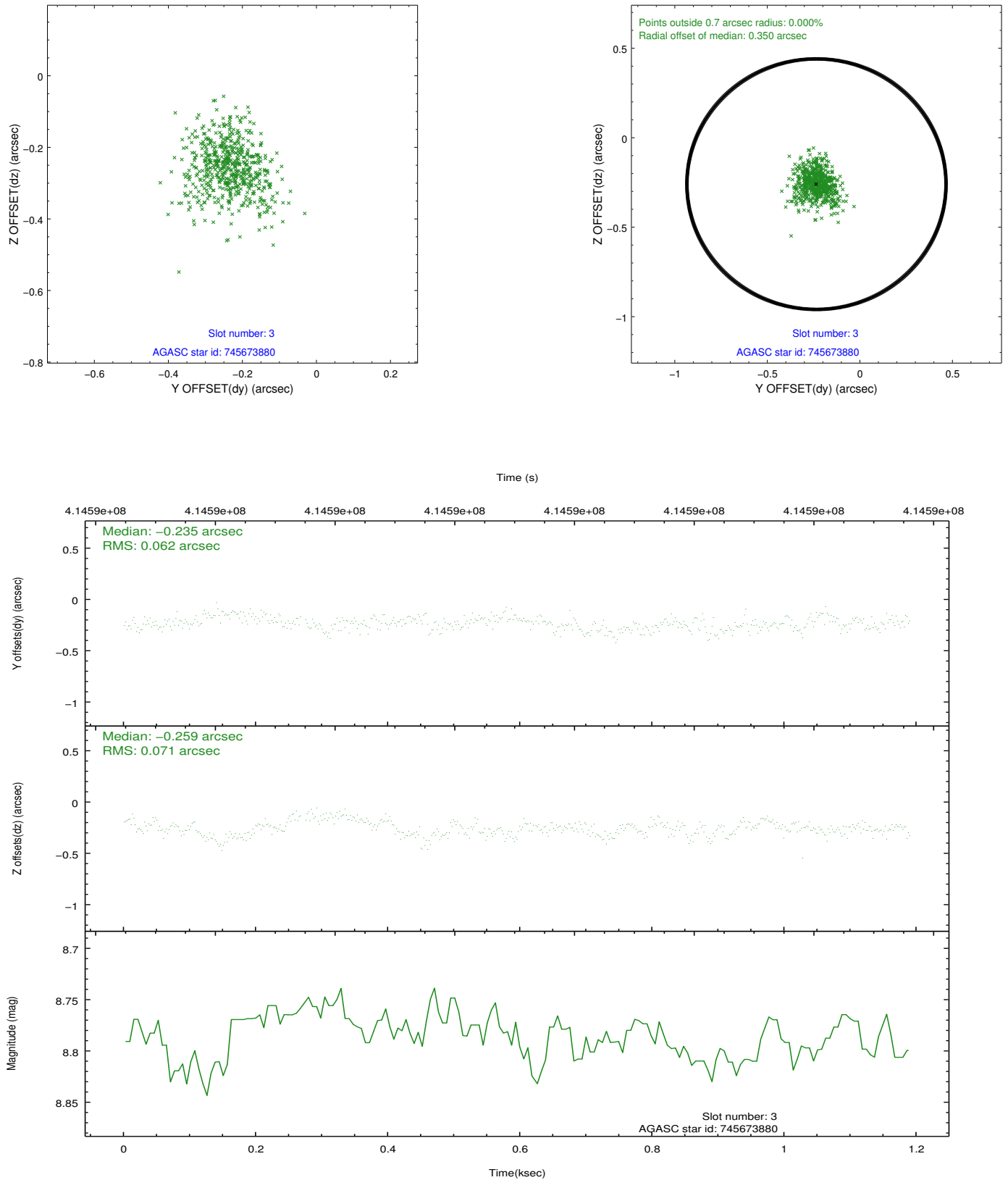
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.00	291	0.122	-0.107	0.007	0.011	0.000000	0.000000	840.07	-1302.58
1	FID	HRC-I-3	7.05	291	-0.153	0.062	0.006	0.009	0.000000	0.000000	-1198.39	999.29
2	FID	HRC-I-4	6.97	291	0.149	-0.042	0.006	0.010	0.000000	0.000000	1266.19	1004.65
3	GUIDE	745673880	8.78	577	-0.235	-0.259	0.098	0.166	275.113470	-13.694820	309.65	1426.91
4	GUIDE	745680664	7.11	581	0.176	0.068	0.078	0.127	275.566567	-14.388697	-2062.56	-334.32
5	GUIDE	745681536	8.59	581	0.271	0.046	0.084	0.147	275.686309	-14.363481	-1945.44	-747.20
6	GUIDE	747379088	8.97	581	-0.129	0.077	0.099	0.166	276.159746	-13.674824	646.21	-2218.69
7	GUIDE	747384584	7.49	580	-0.077	0.059	0.070	0.116	275.823210	-13.594301	855.39	-1026.06

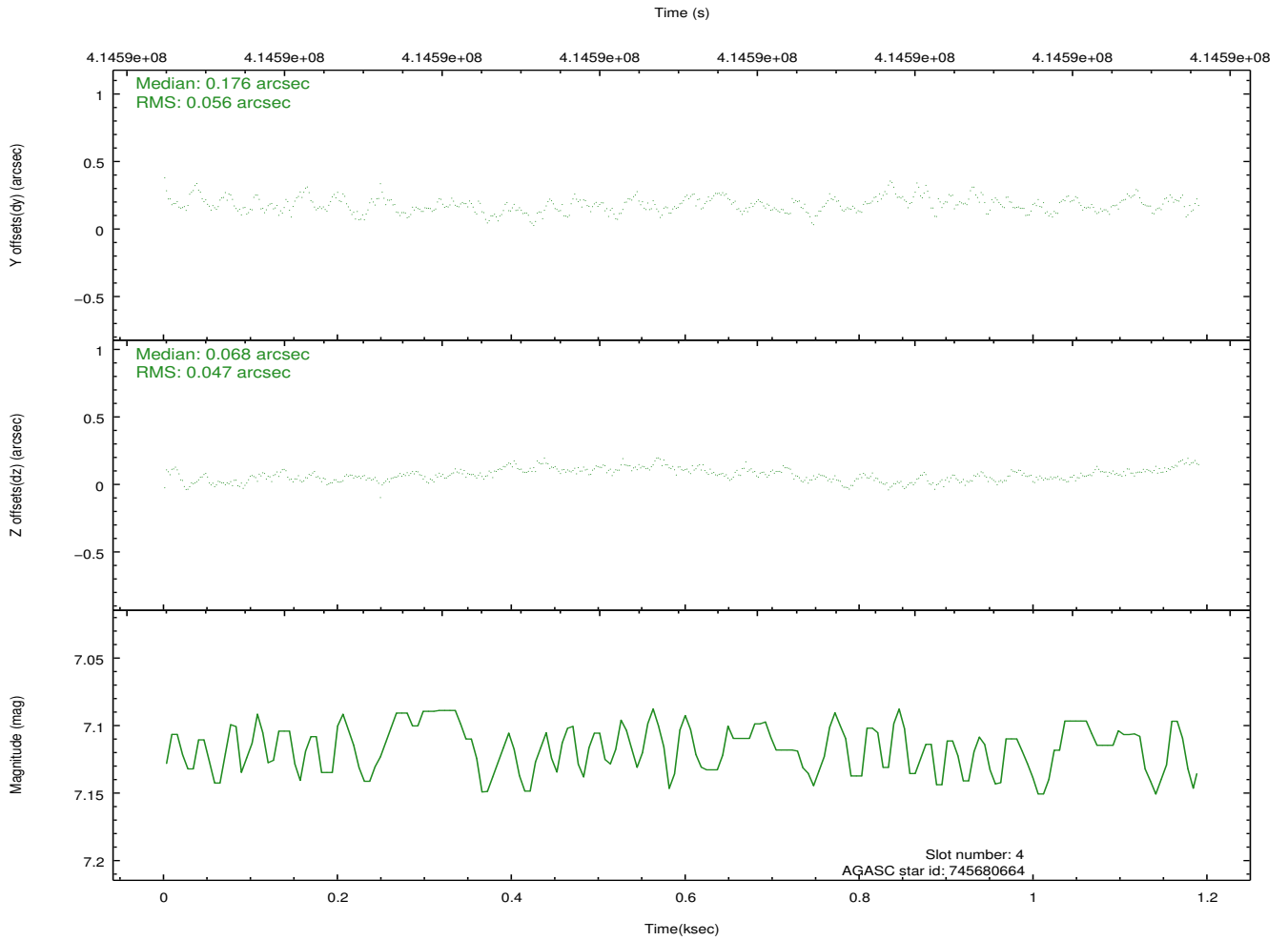
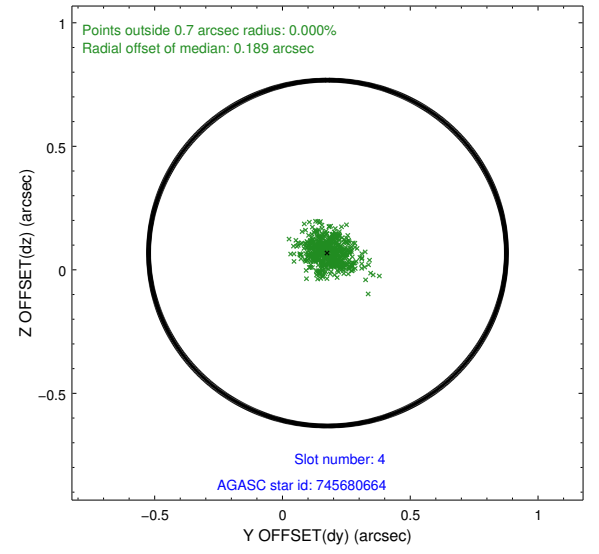
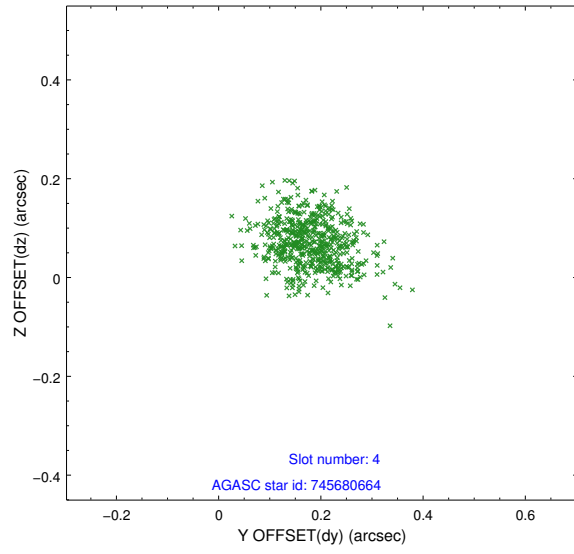


## 2.4 Star Slots

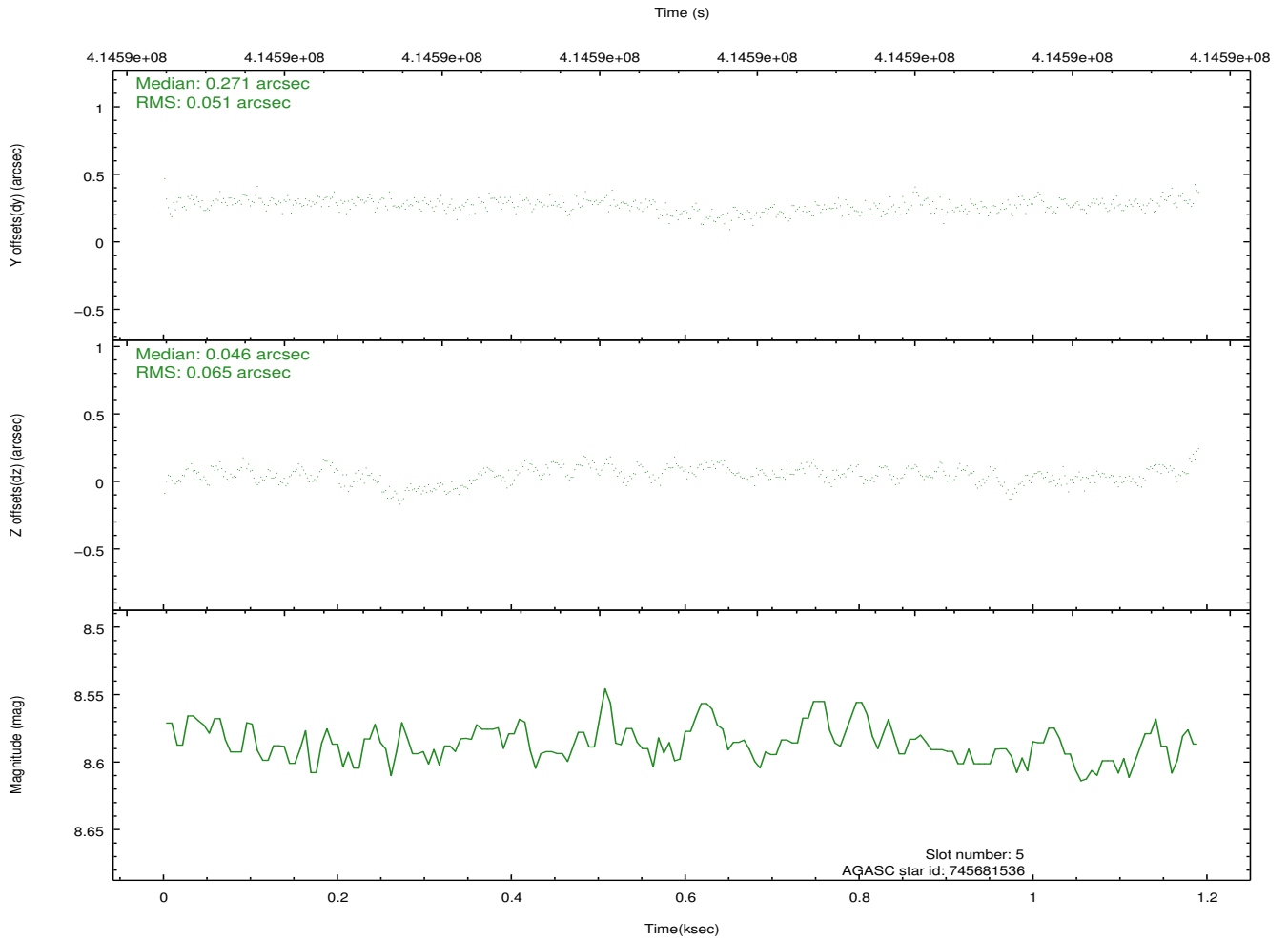
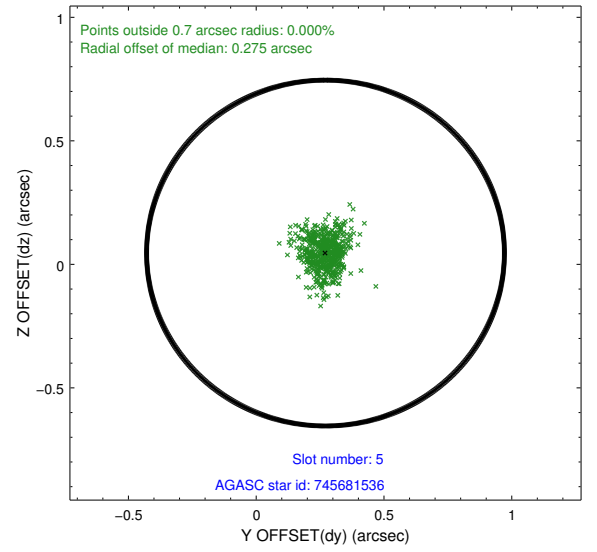
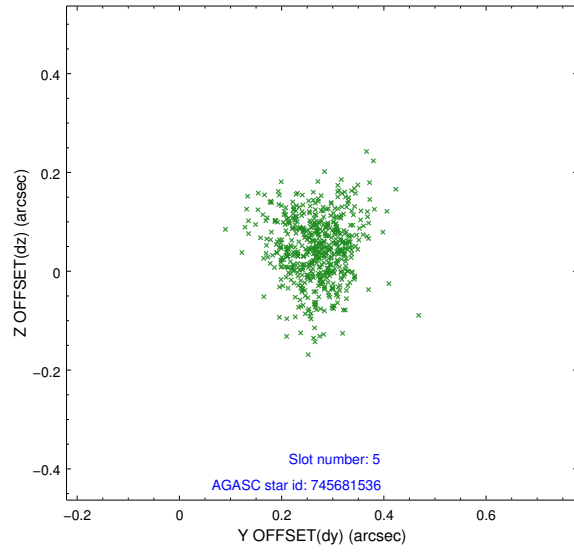
### 2.4.1 Slot 3



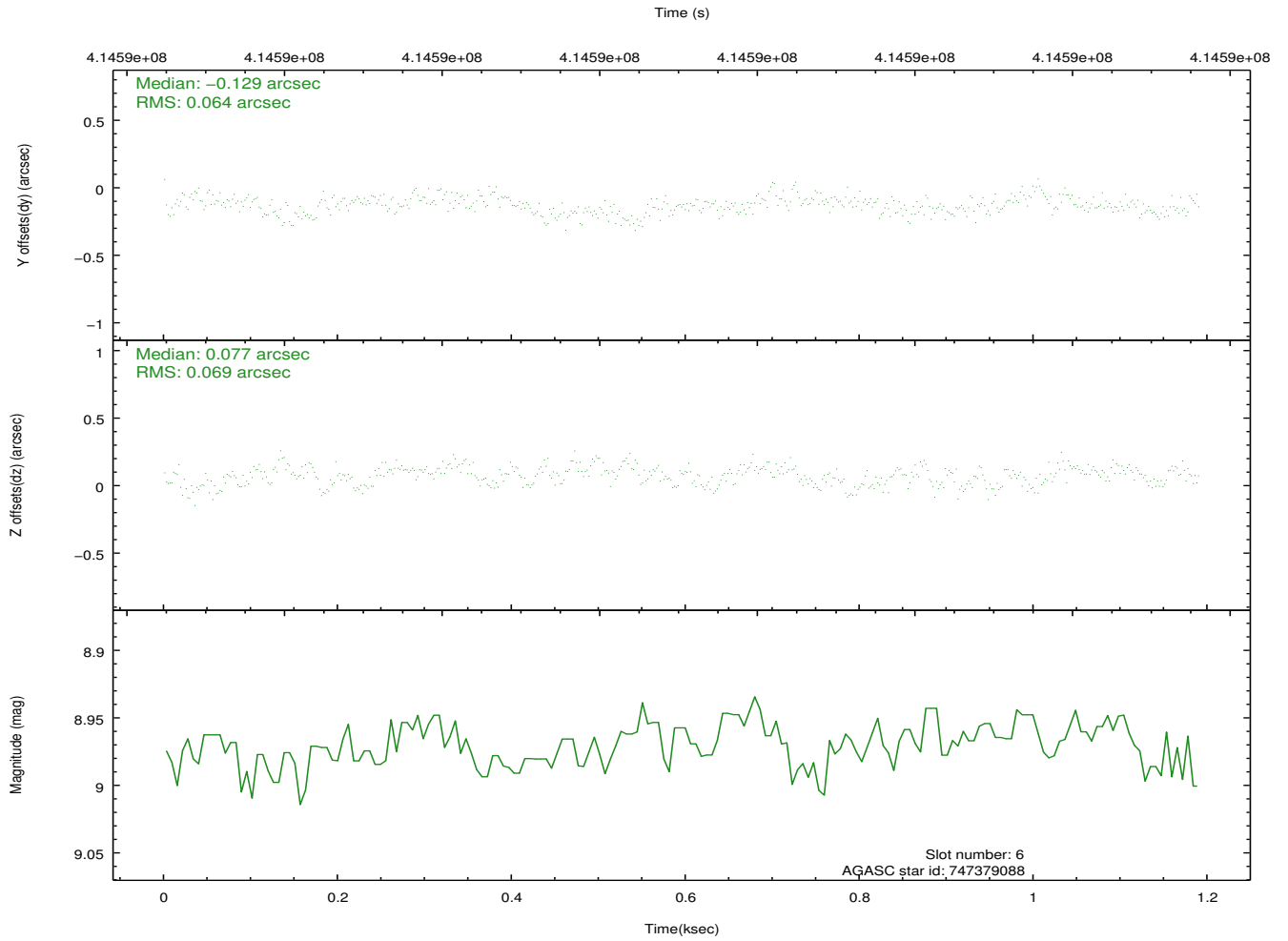
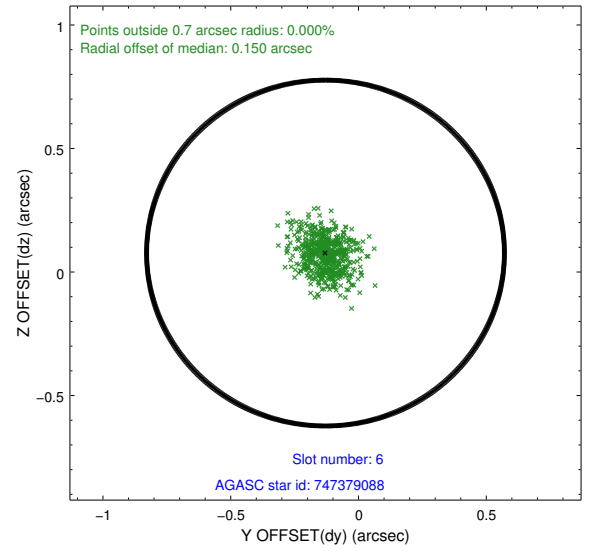
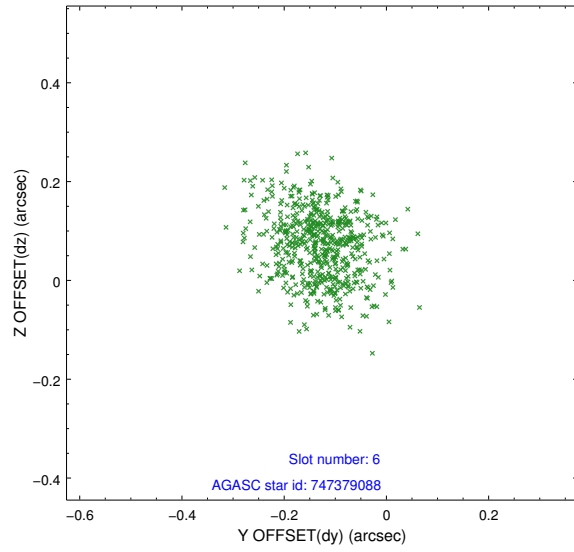
## 2.4.2 Slot 4



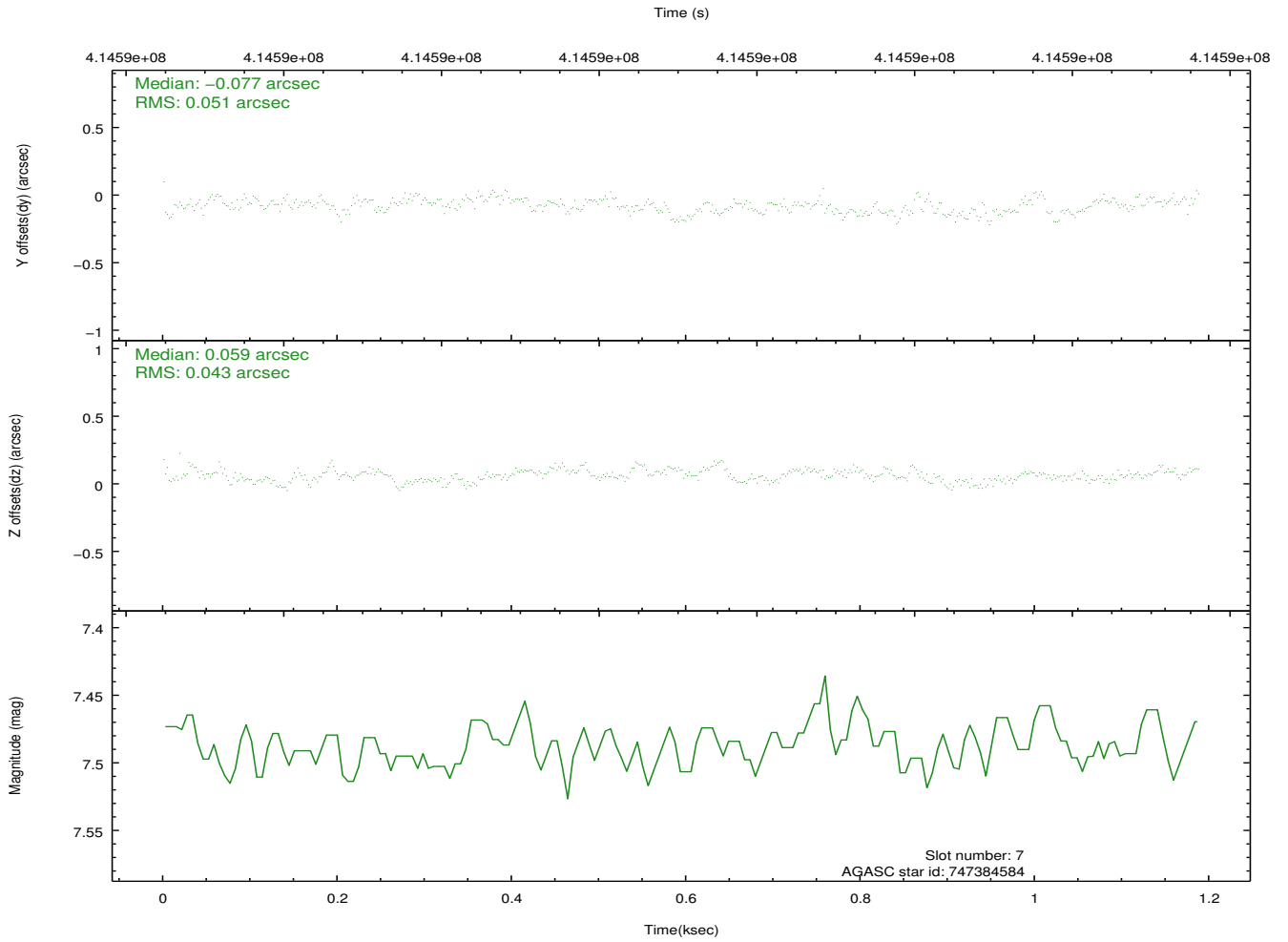
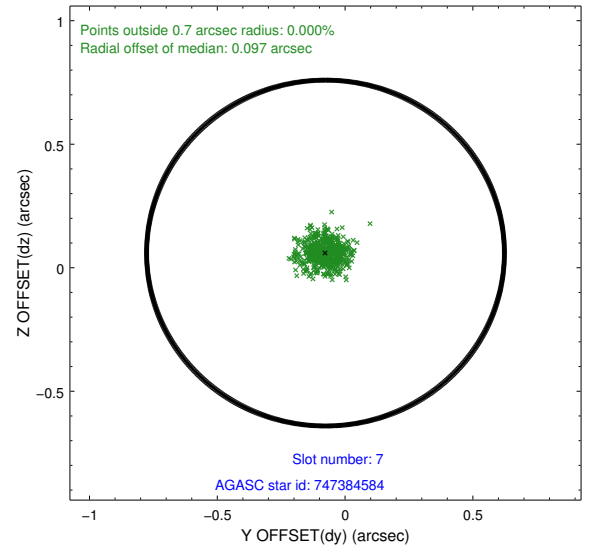
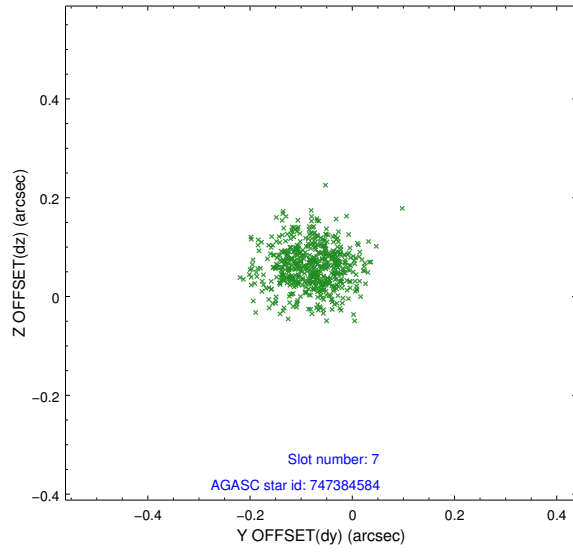
### 2.4.3 Slot 5



## 2.4.4 Slot 6

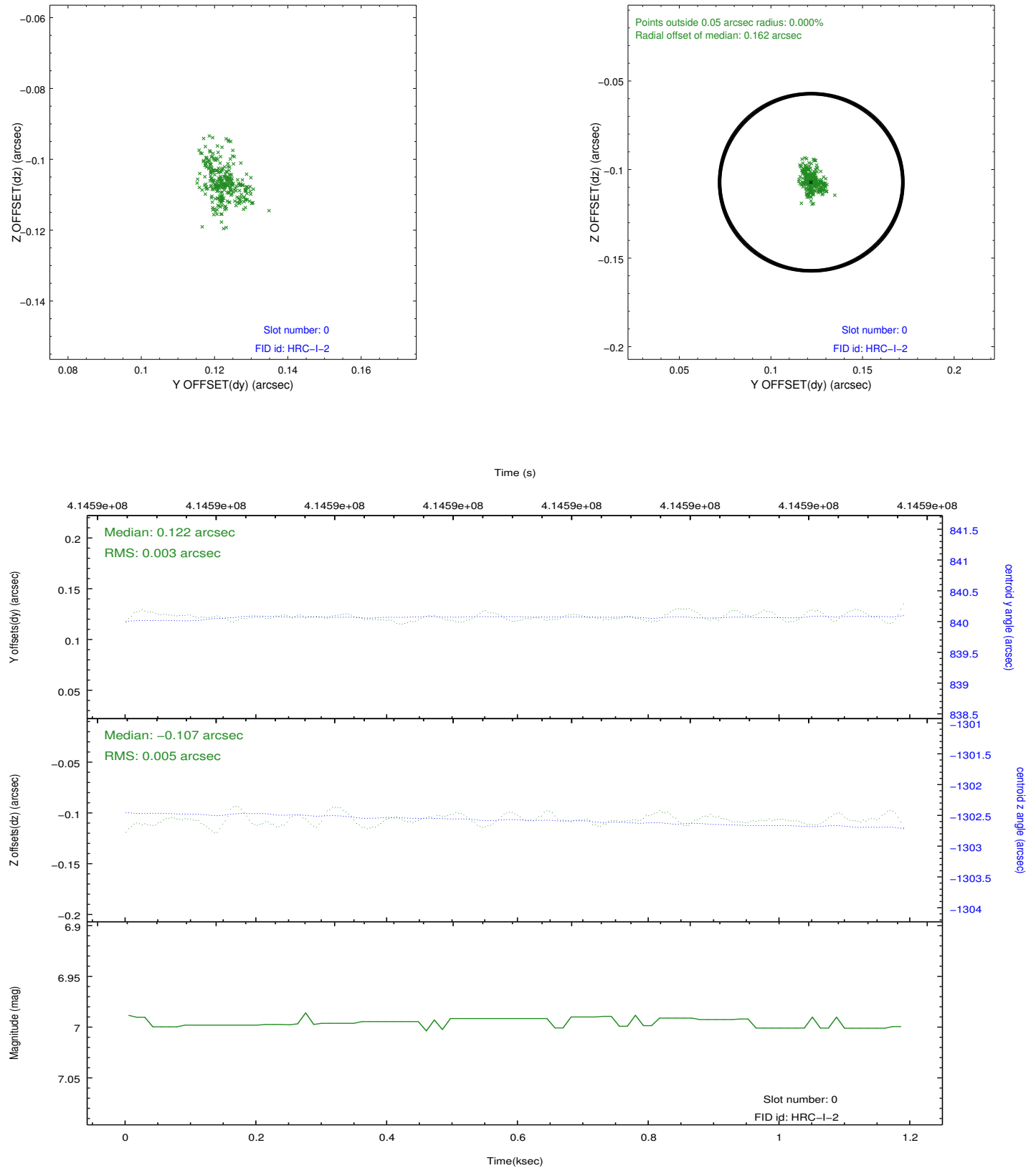


## 2.4.5 Slot 7

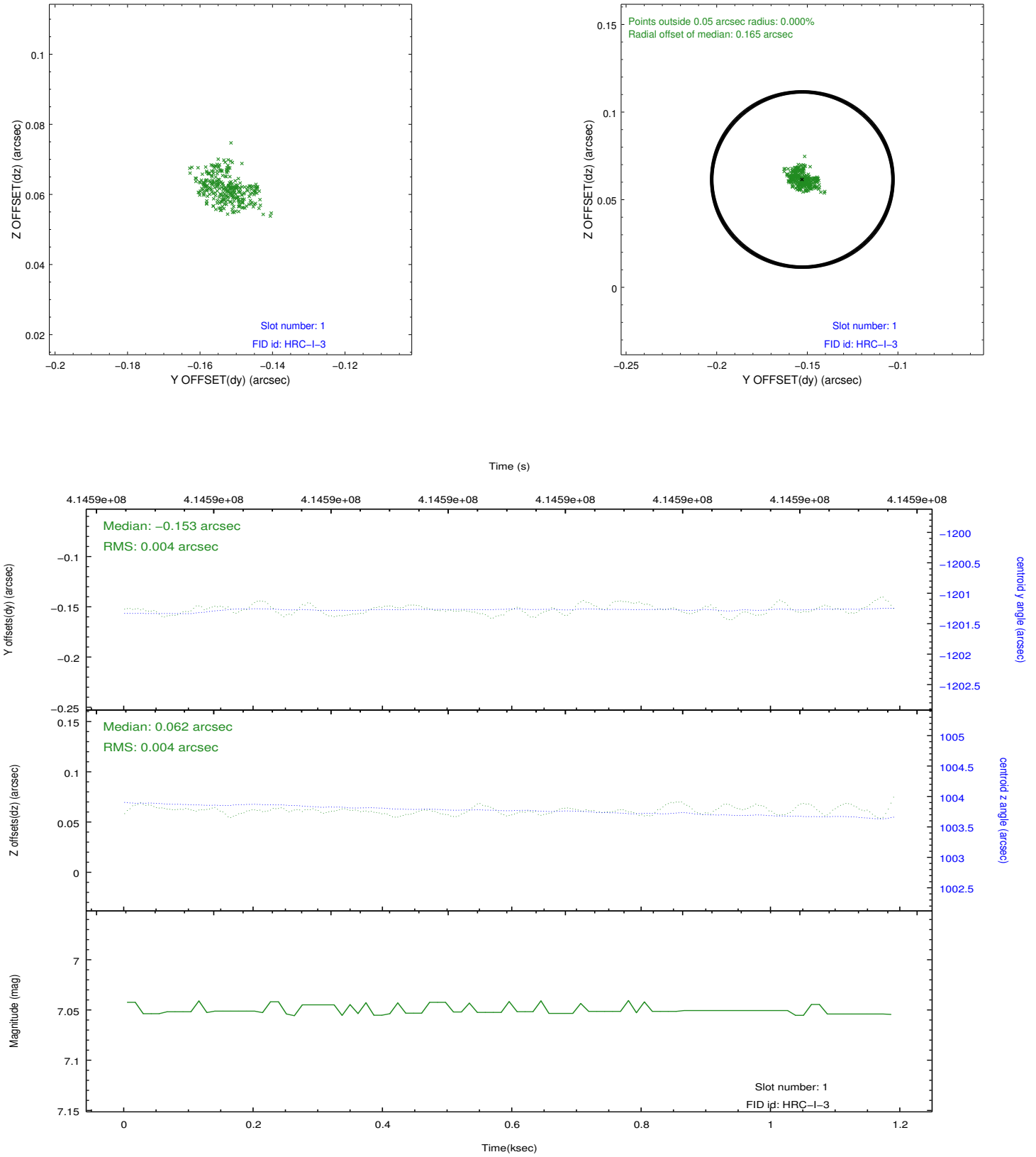


## 2.5 FID Slots

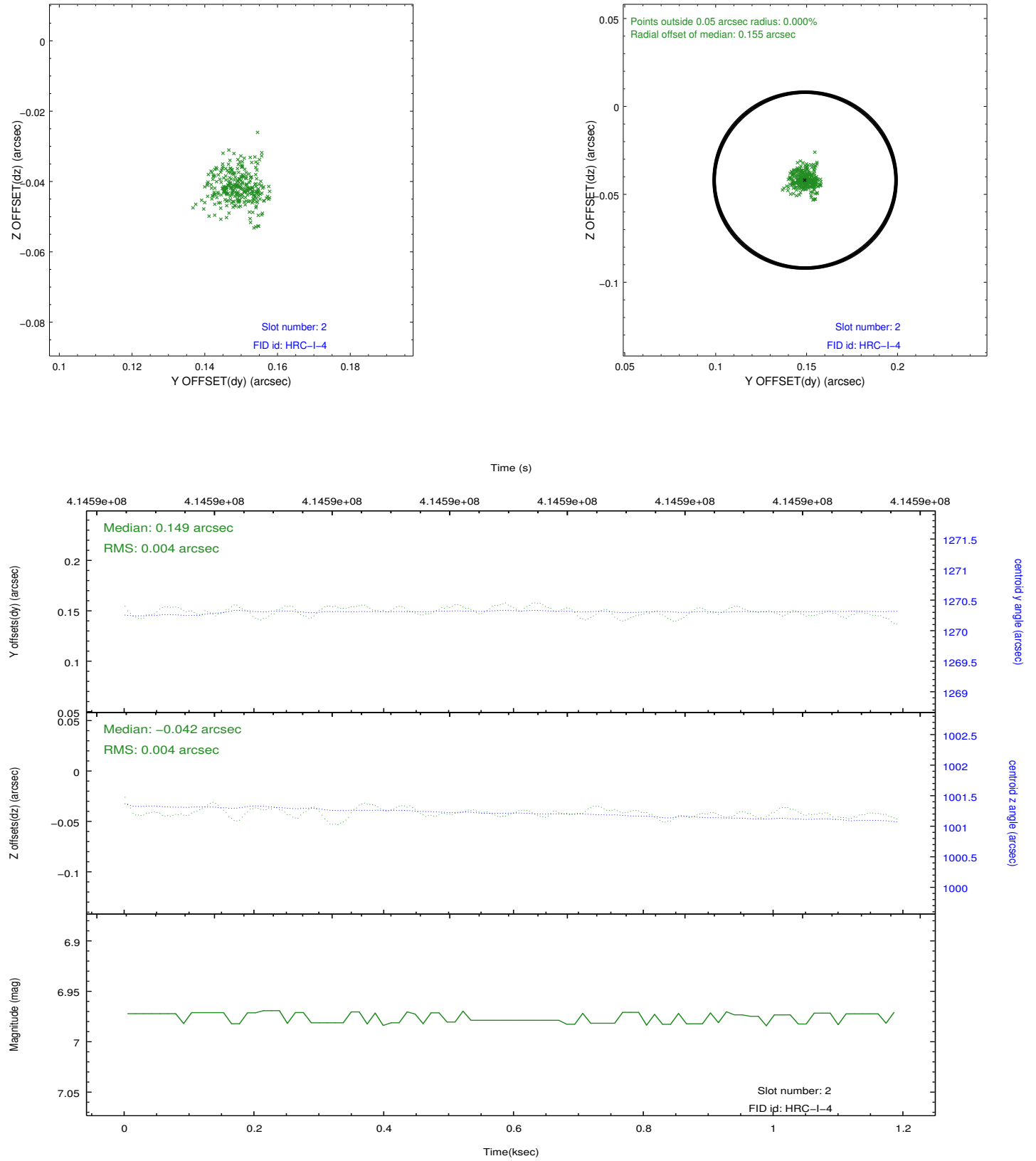
### 2.5.1 Slot 0



## 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)	2012.07.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1882313115597

### A.2 Comments