

# V&V Reference Report

## L2 ASCDS Version : 8.1.1

Observation 1398 - L2 Version 4

Chandra X-Ray Center

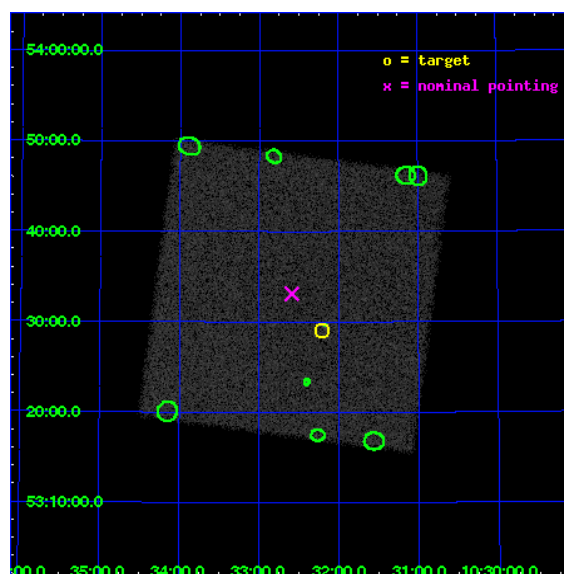
L2 Processing Date : Nov 20 2009

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# 1 Front

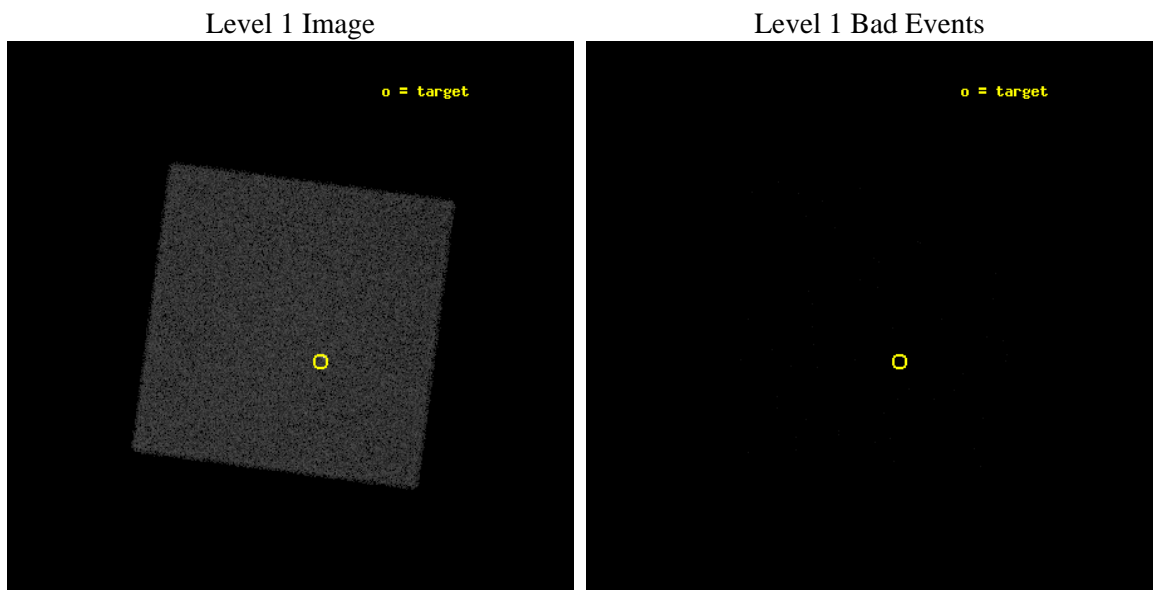
seq_num	280348	Sequence number
obs_id	1398	Observation id
title	OFF-AXIS PSF USING 2RE J1032+532	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	2REJ1032+532,YOFF=5	Source name
ra_targ	158.054167	Observer's specified target RA
dec_targ	53.483333	Observer's specified target Dec
ra_nom	158.14678432214	Nominal RA
dec_nom	53.55194860725	Nominal Dec
roll_nom	52.573105069542	Nominal Roll
revision	4	Processing version of data
ontime	3275.1313681379	[s]
livetime	3253.9261487058	Ontime multiplied by DTCOR
l2events	103659	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	3000.000000	Scheduled observation exposure time
ascdsver	8.1.1	Processing system revision	ontime	3275.1313681379	[s]
caldbver	4.1.4	&#160	l1events	159261	Number of level 1 events
date	2009-11-20T17:16:31	Date and time of file creation			
revision	4	Processing version of data			

### 2.1.3 Events

#### Level 1 Events

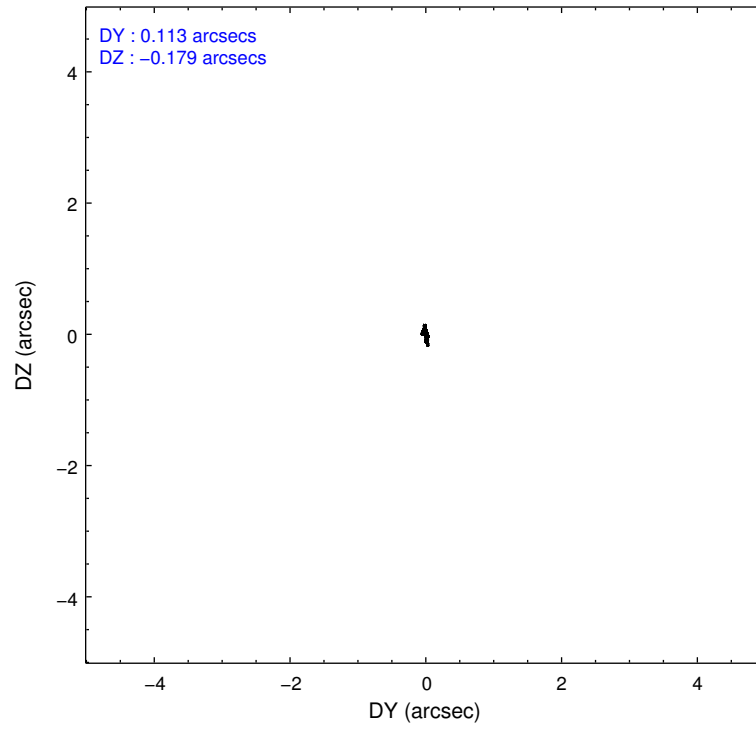
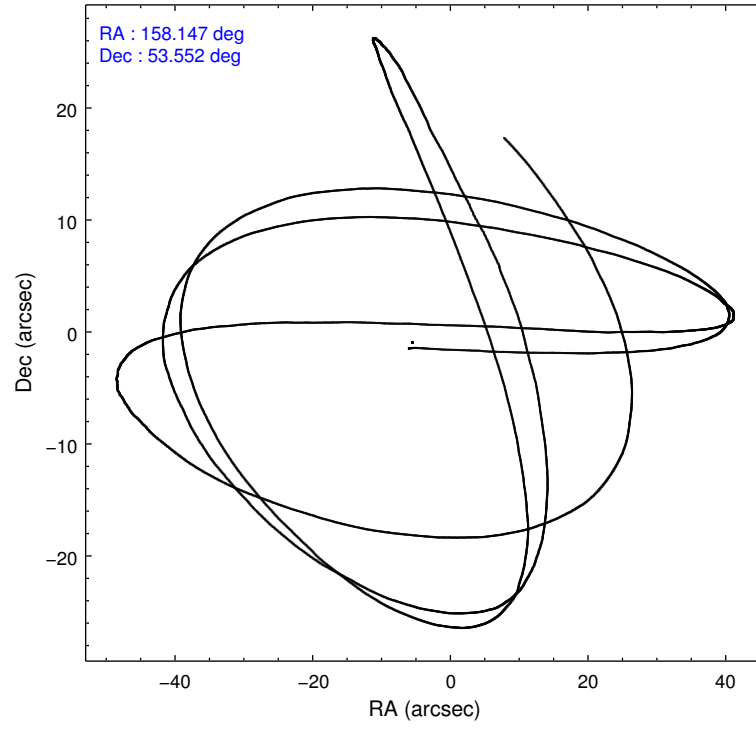
	<b>segment 0</b>
level 1 events	159261
rejected events	2486
rejected %	1%

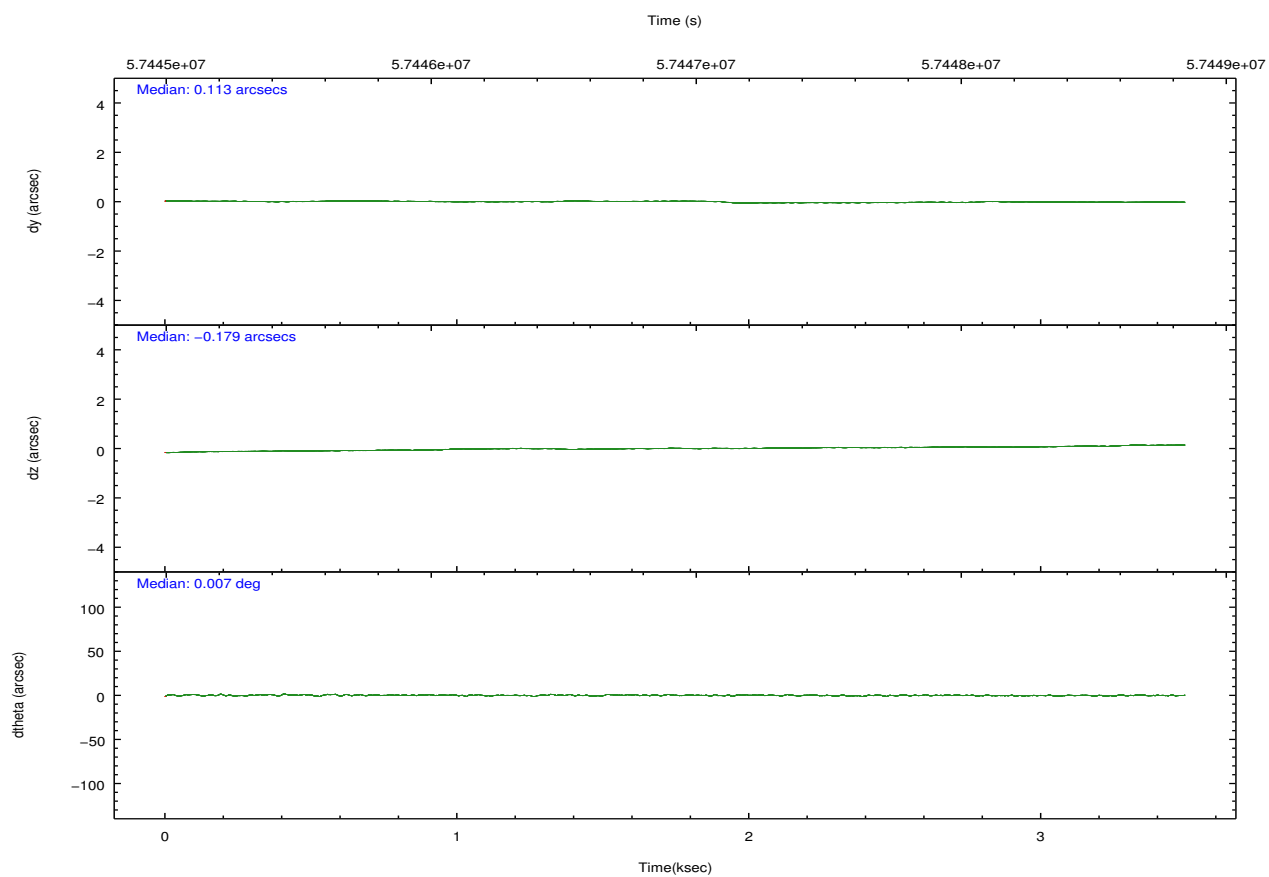
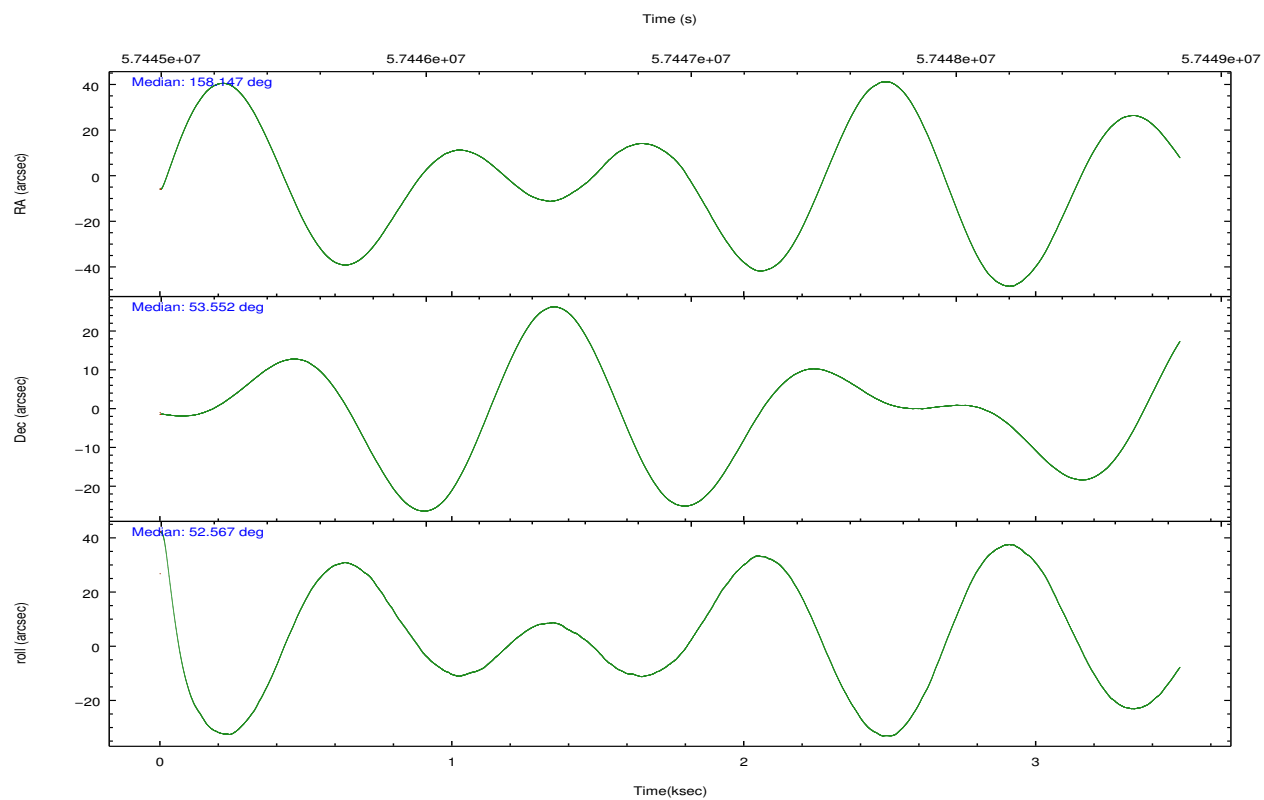


## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
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			
Pointing RA	158.140320	158.1467843221357			
Pointing Dec	53.524753	53.55194860724955			
Pointing Roll	52.673653	52.57310506954164			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9854943052878			
SIM translation stage offset (mm)	0	-5.413686238853188e-06			
Observation start time	57445666.184000	57445000.369404			
Observation start date	1999-10-27T21:06:42	1999-10-27T20:56:40			
Observation end time	57448666.184000	57448800.557041			
Observation end date	1999-10-27T21:56:42	1999-10-27T22:00:00			

## 2.3 Aspect



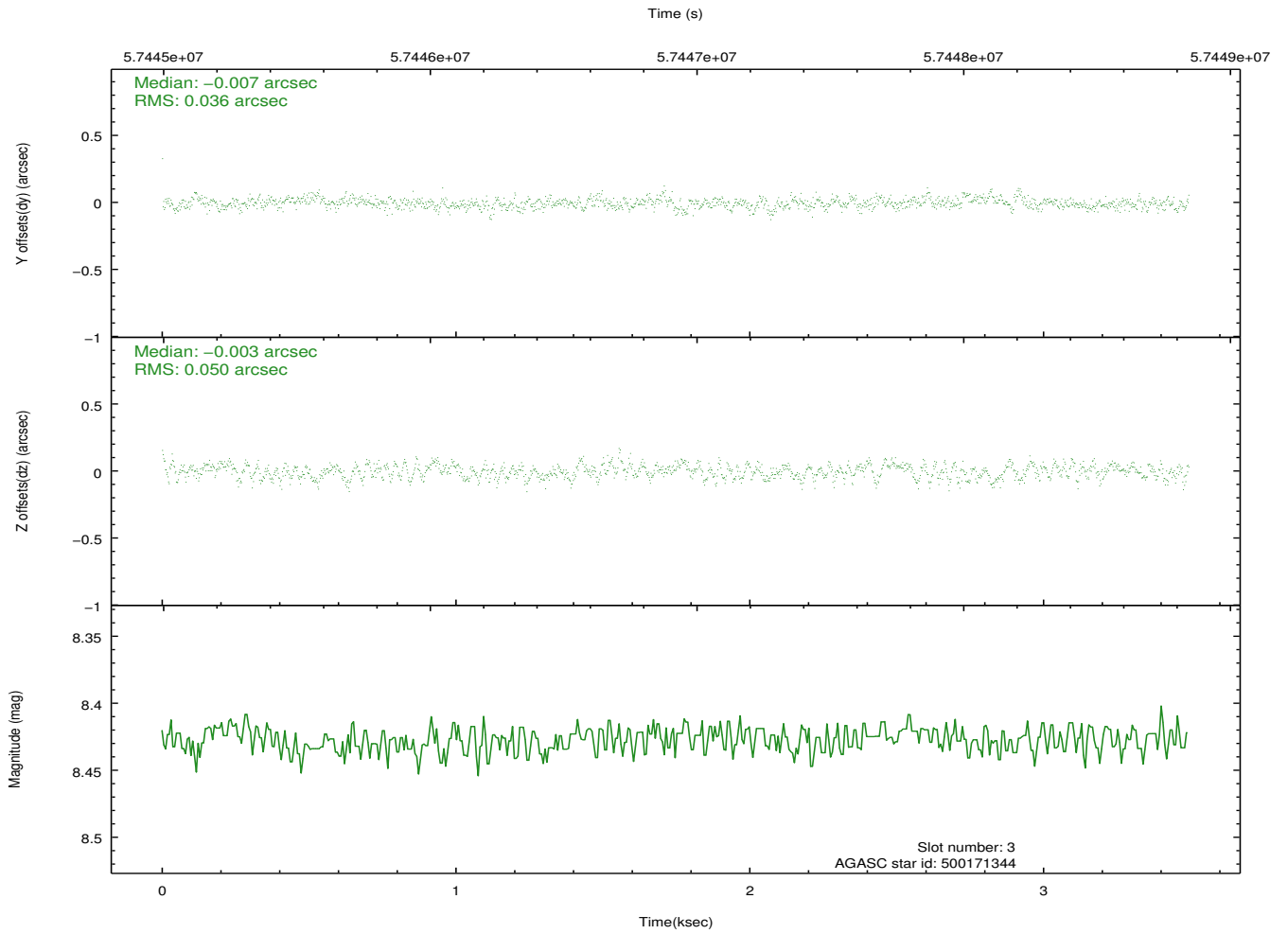
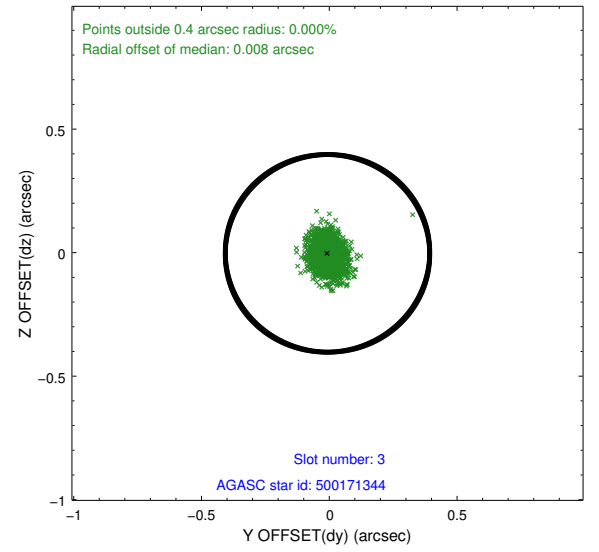
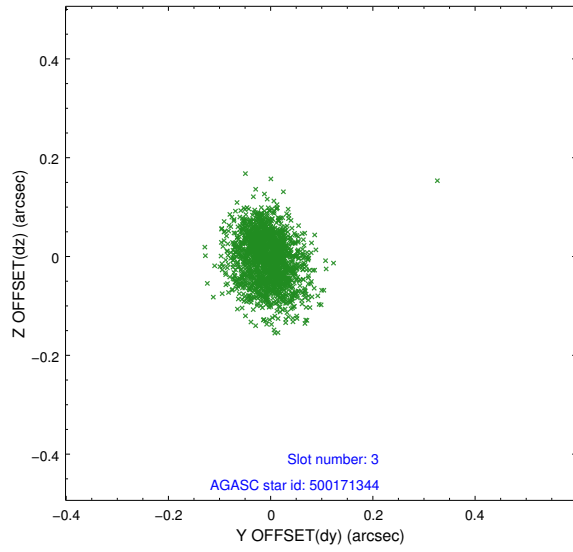


Slot Statistics

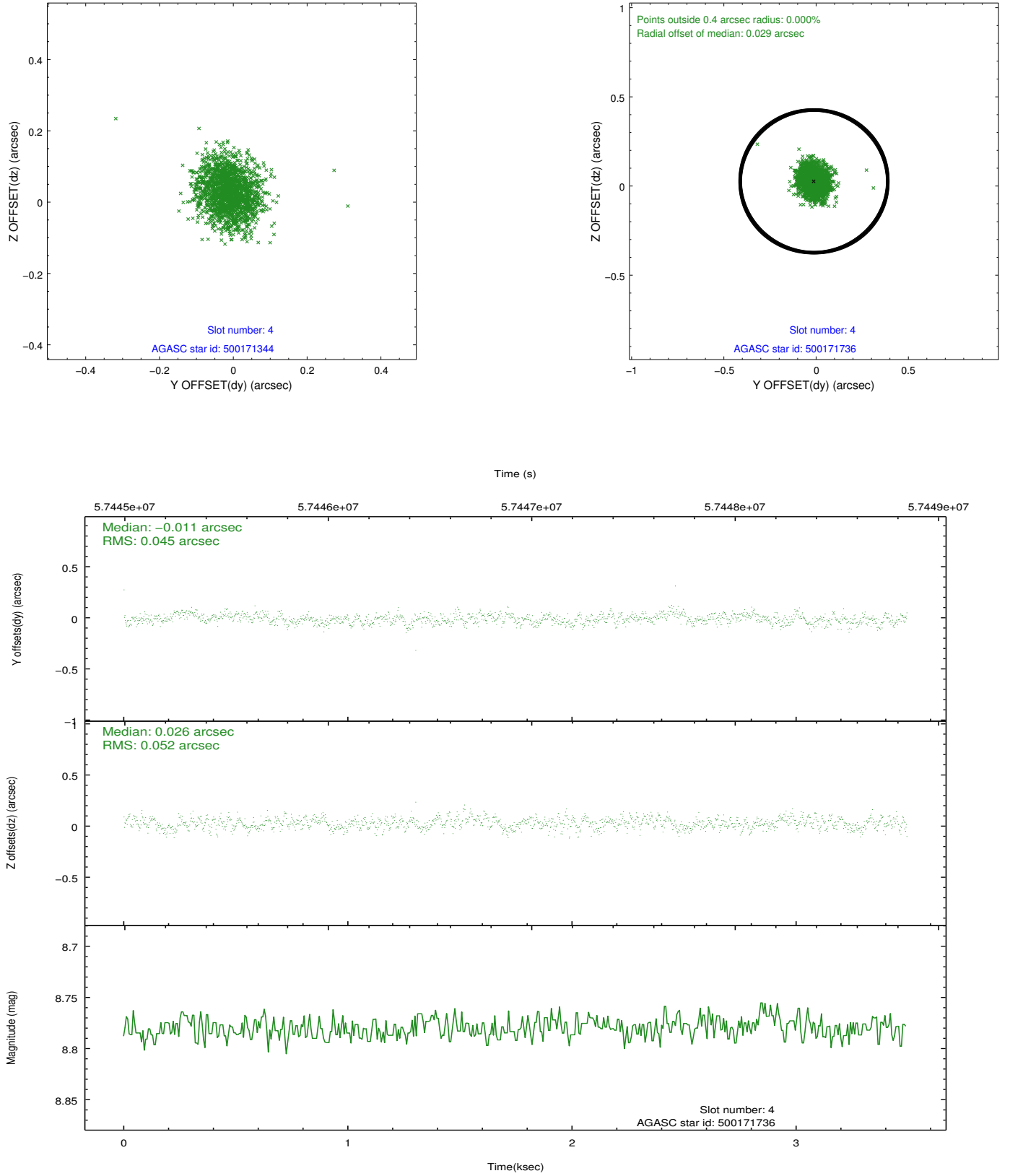
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	1705	0.014	-0.005	0.006	0.010	0.000000	0.000000	-755.45	-1287.54
1	FID	HRC-I-3	7.04	1705	0.053	-0.071	0.006	0.010	0.000000	0.000000	-1184.41	1016.19
2	FID	HRC-I-4	6.98	1705	0.047	-0.013	0.005	0.009	0.000000	0.000000	1286.61	1015.28
3	GUIDE	500171344	8.43	1705	-0.007	-0.003	0.065	0.103	158.404020	53.216809	-535.13	-1122.03
4	GUIDE	500171736	8.78	1704	-0.011	0.026	0.072	0.115	158.648618	53.141434	-428.02	-1706.25
5	GUIDE	500182496	8.89	1705	0.066	0.104	0.075	0.120	158.371279	52.722772	-1989.05	-2150.15
6	GUIDE	500180056	9.69	1702	-0.053	-0.128	0.093	0.153	157.587703	53.702330	-202.69	1327.12
7	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00

## 2.4 Star Slots

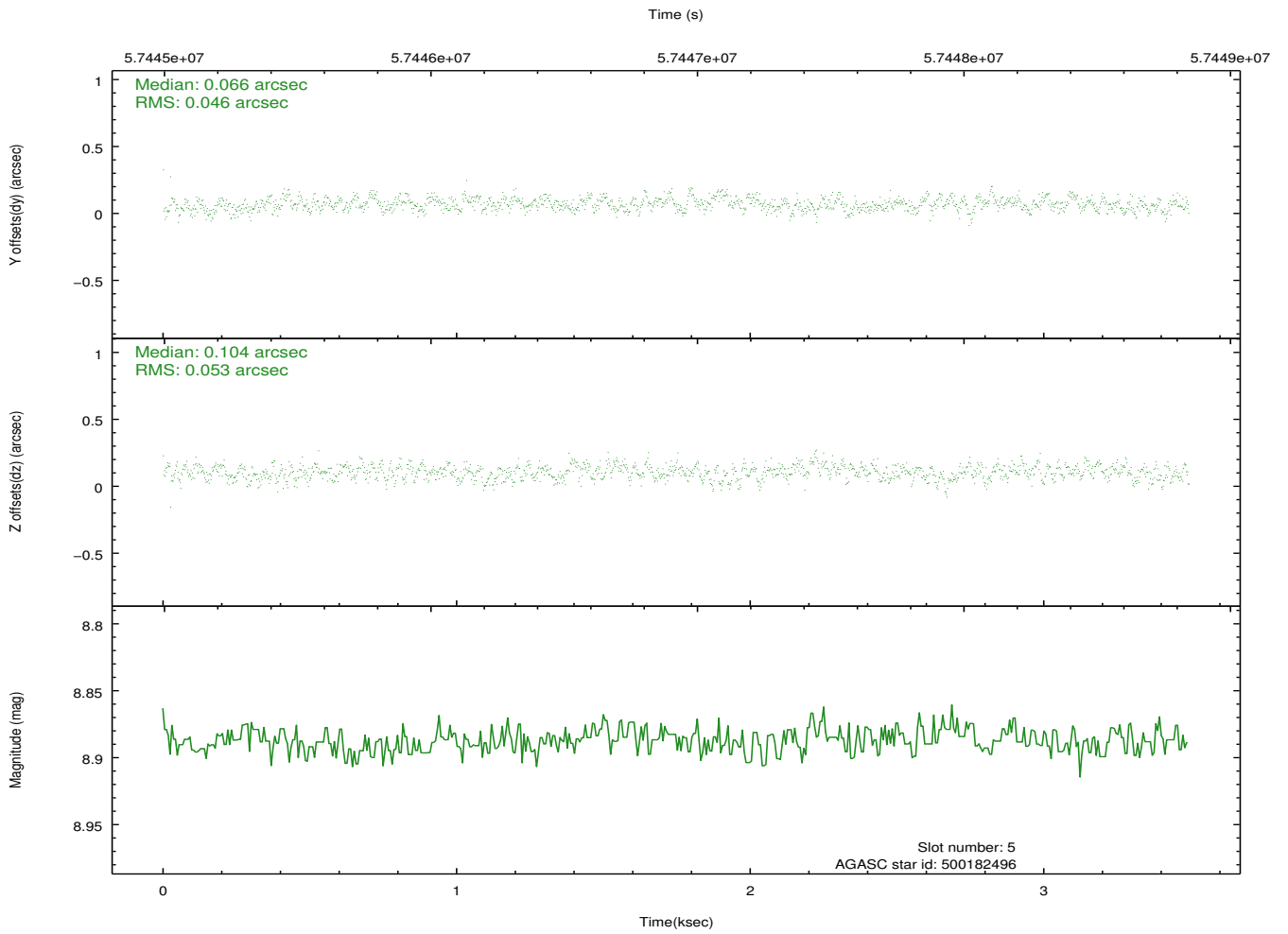
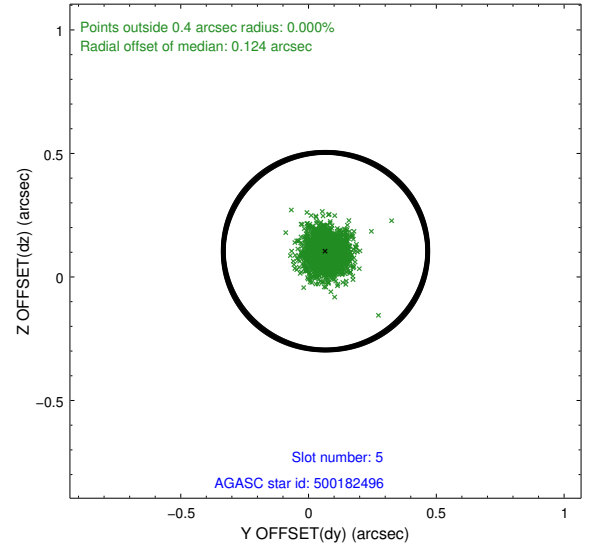
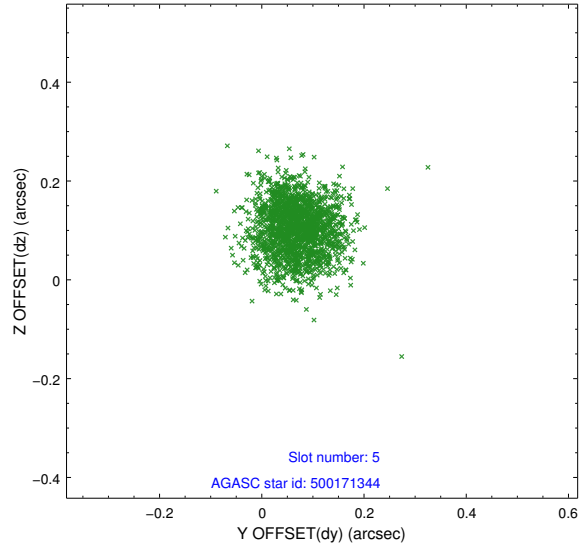
### 2.4.1 Slot 3



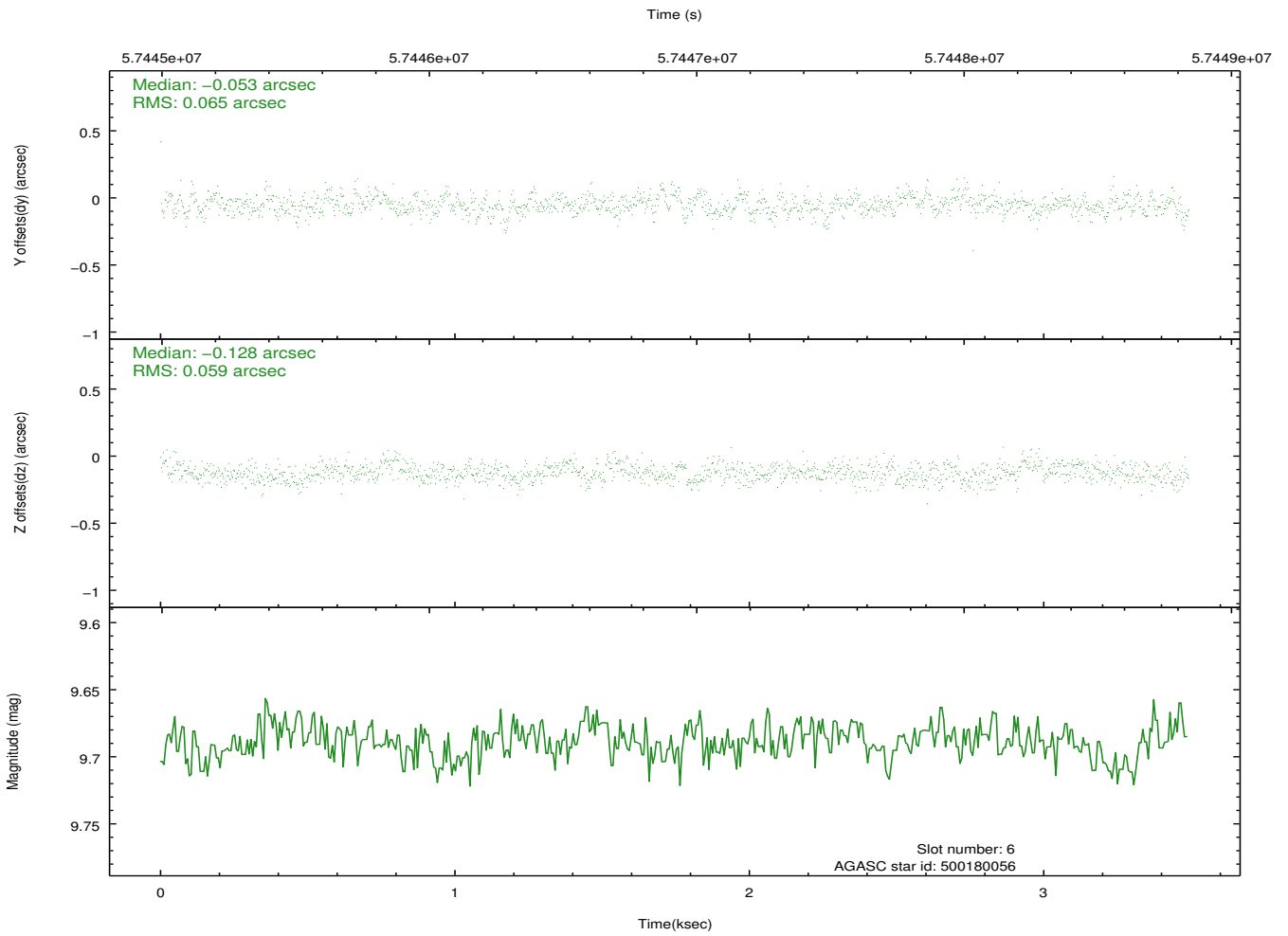
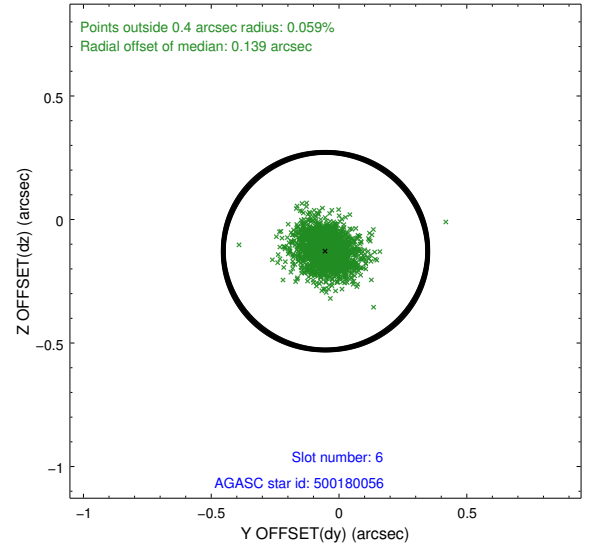
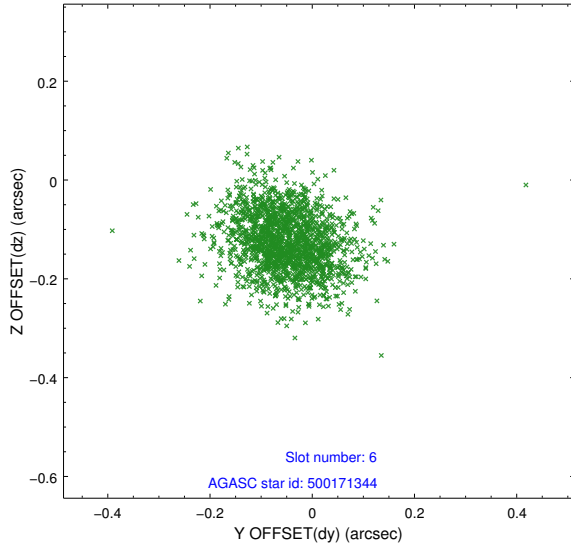
## 2.4.2 Slot 4



### 2.4.3 Slot 5



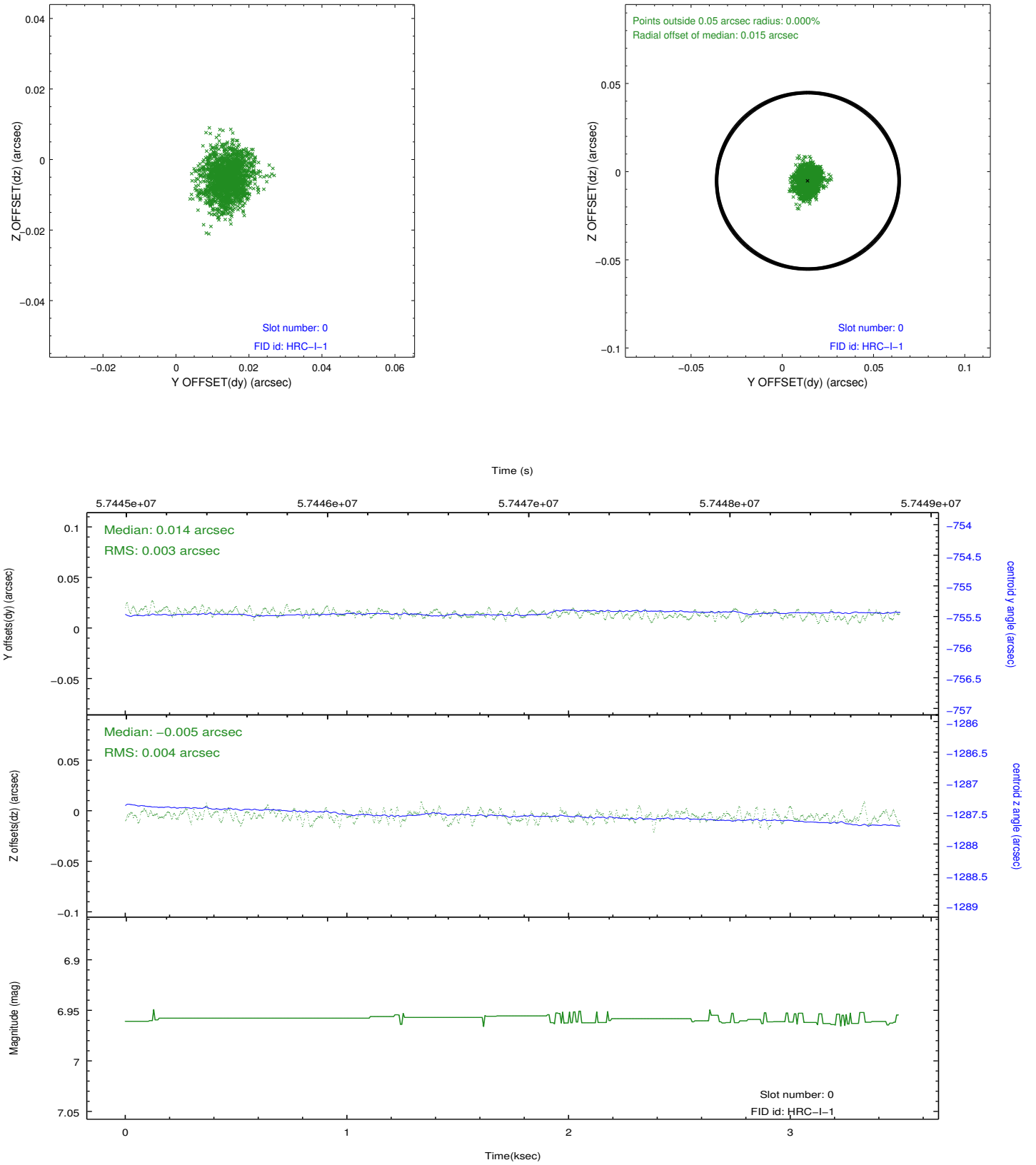
## 2.4.4 Slot 6



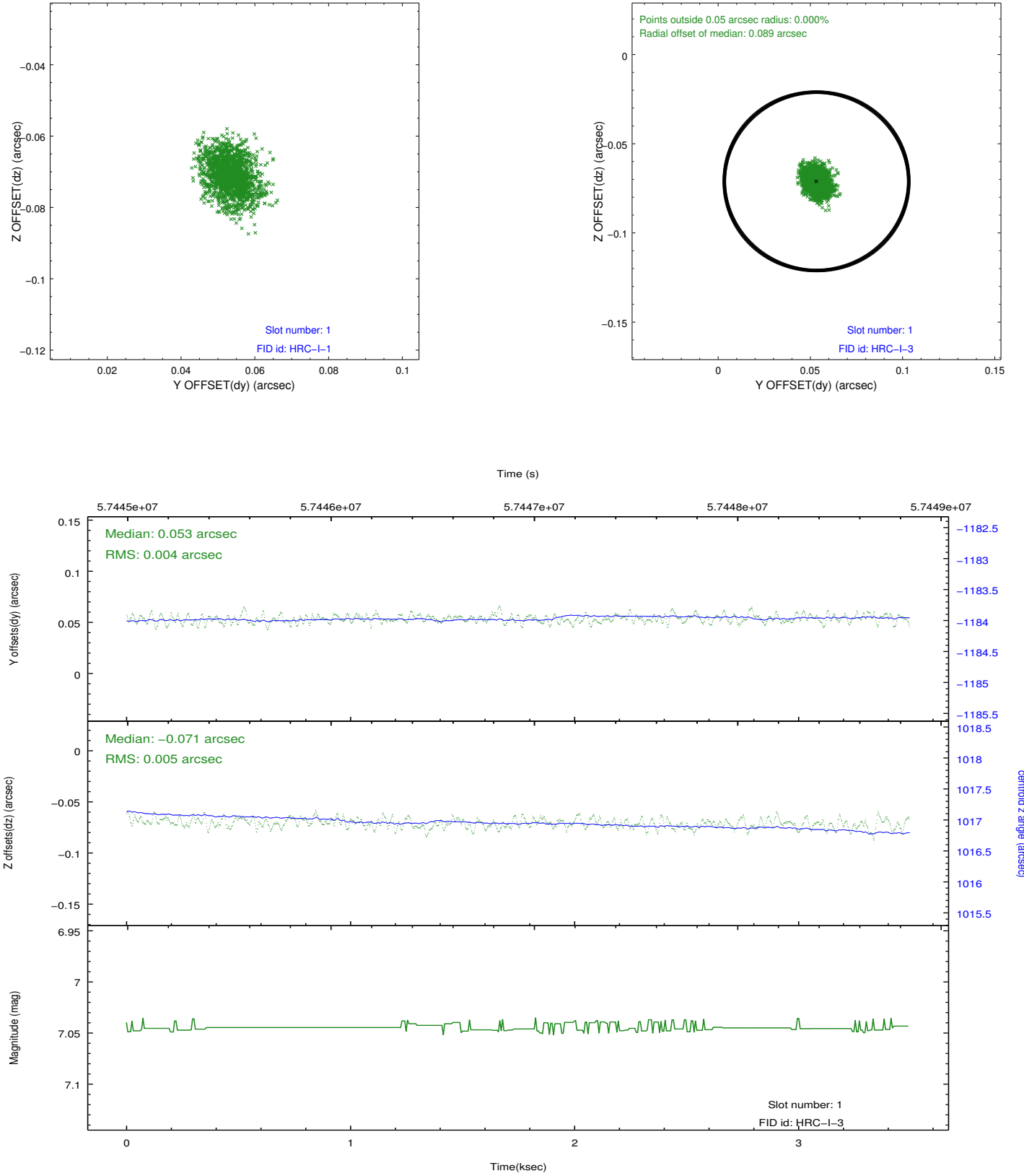


## 2.5 FID Slots

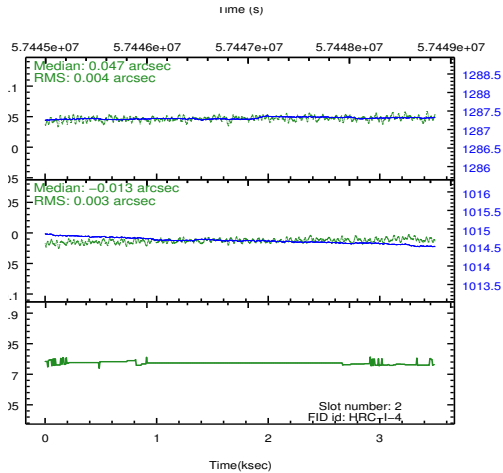
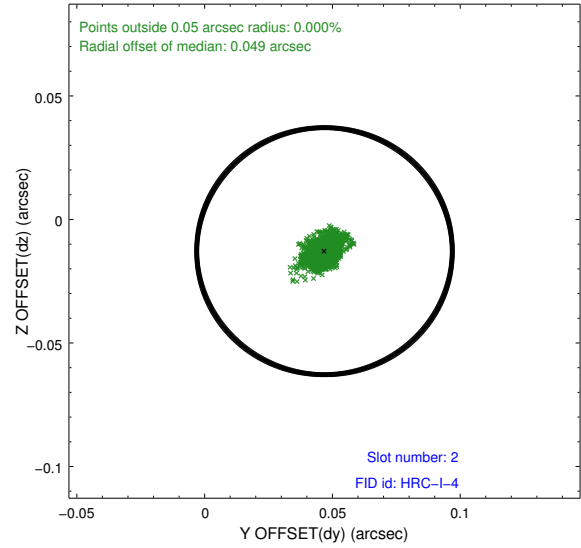
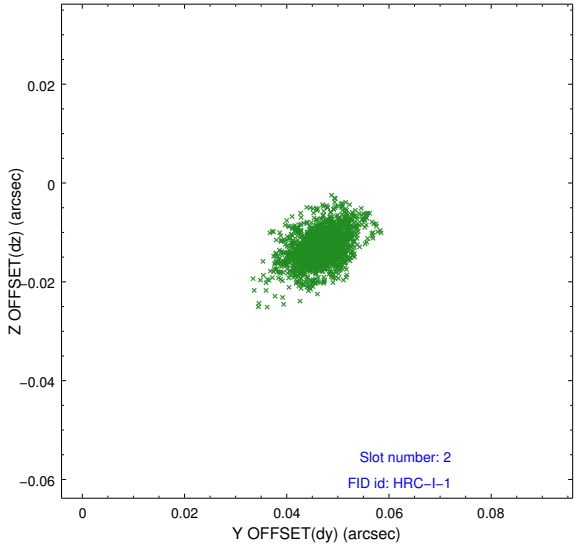
### 2.5.1 Slot 0



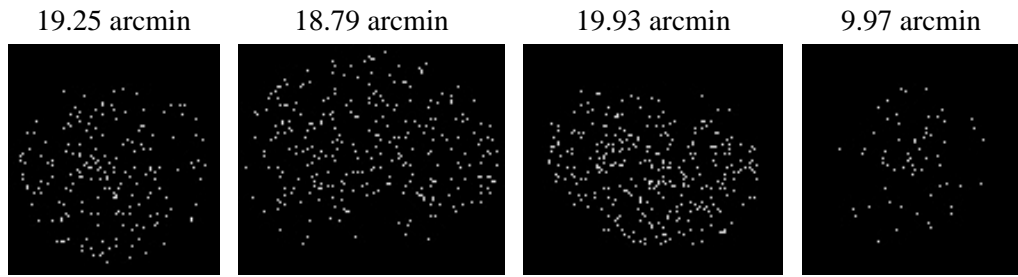
## 2.5.2 Slot 1



2.5.3 Slot 2



### 3 Point Sources



## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2009.11.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.275

### A.2 Comments

Slot 7 was not utilized in this observation.