

# V&V Reference Report

## L2 ASCDS Version : 7.6.10

Observation 2138 - L2 Version 001  
Chandra X-Ray Center

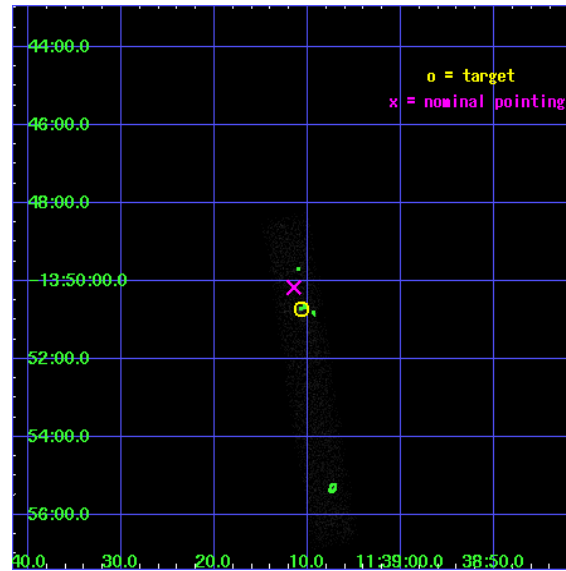
L2 Processing Date : Jun 18 2007

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# 1 Front

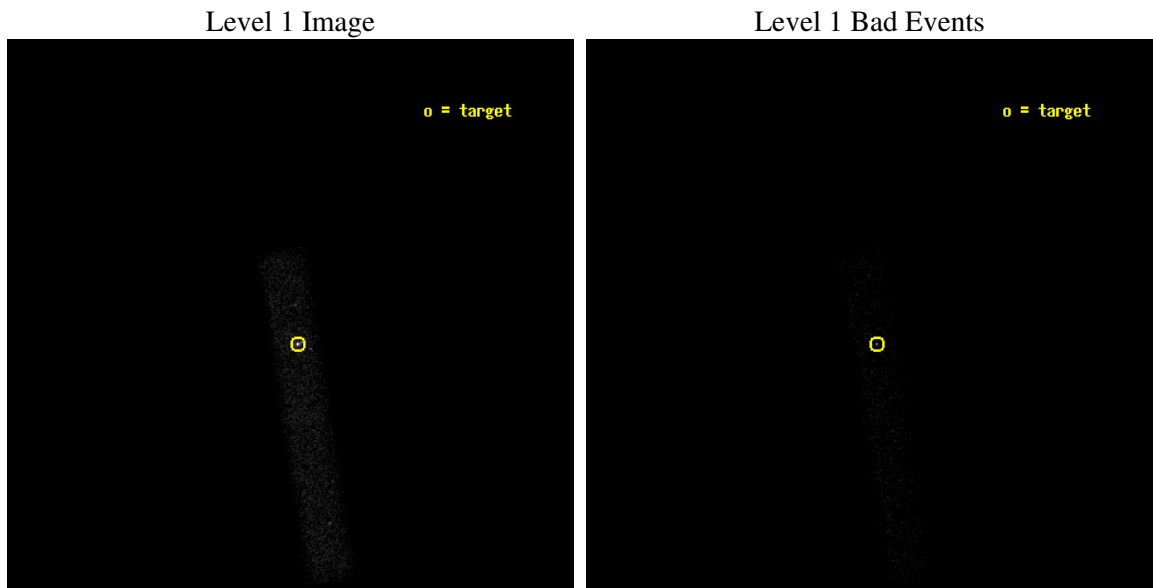
seq_num	700328
obs_id	2138
title	AN UNBIASED SURVEY OF X-RAY AND OPTICAL EMISSION FROM EXTENDED RADIO JETS IN AGN
observer	Dr Rita Sambruna
object	1136-135
dtcycle	0
cycle	P
ra_targ	174.794583
dec_targ	-13.845556
ra_nom	174.79793279646
dec_nom	-13.836264358031
roll_nom	81.157387840154
revision	2
ontime	9820.0001463294
livetime	8906.2217906126
ontime7	9820.0001463294
l2events	8172



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 7



### 2.1.3 Parameters

obi_num	1
ascdsver	7.6.10
caldbver	3.4.0
date	2007-06-18T09:47:24
revision	2

sched_exp_time	9600.000000
ontime	9820.0001463294
ontime7	9820.0001463294
l1events	13905

### 2.1.4 Events

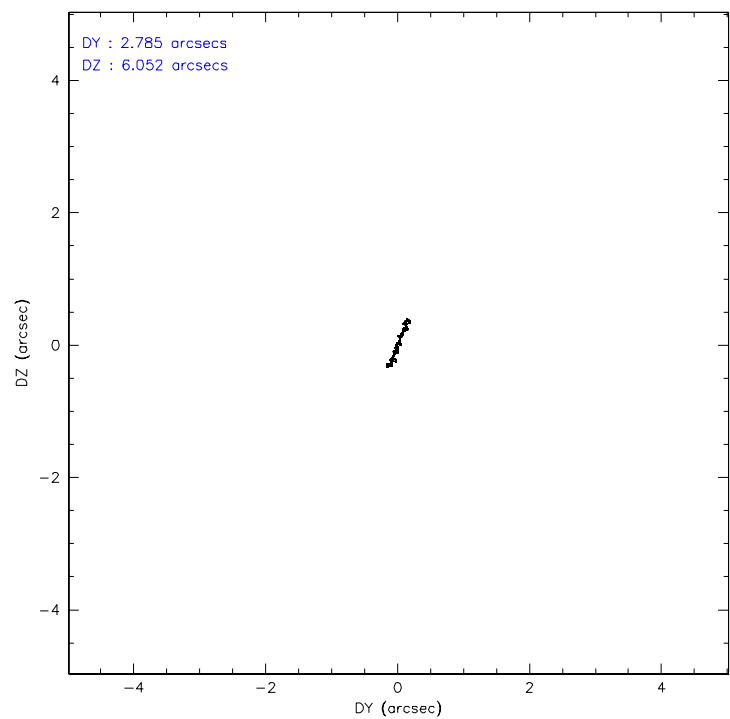
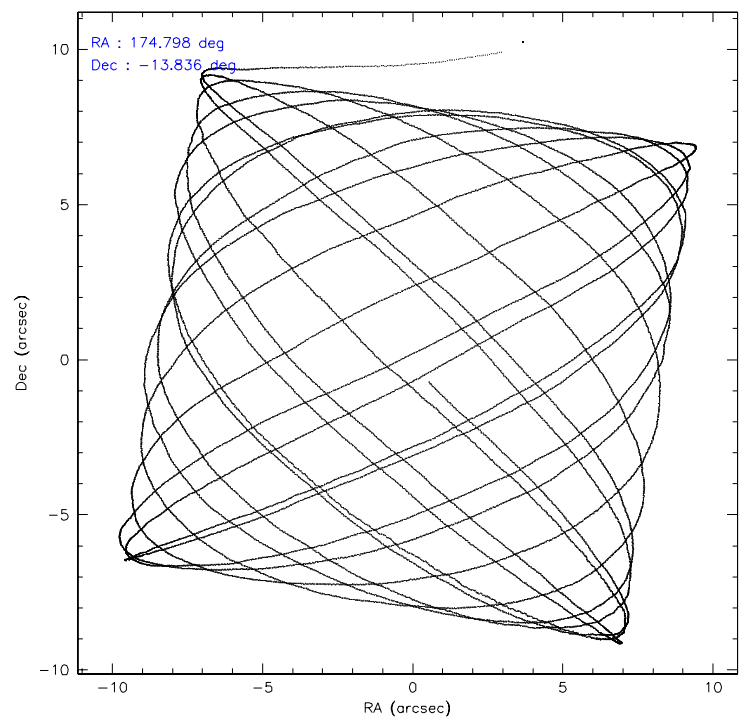
	<b>ccd 7</b>
level 1 events	13905
rejected events	5554
rejected %	39%

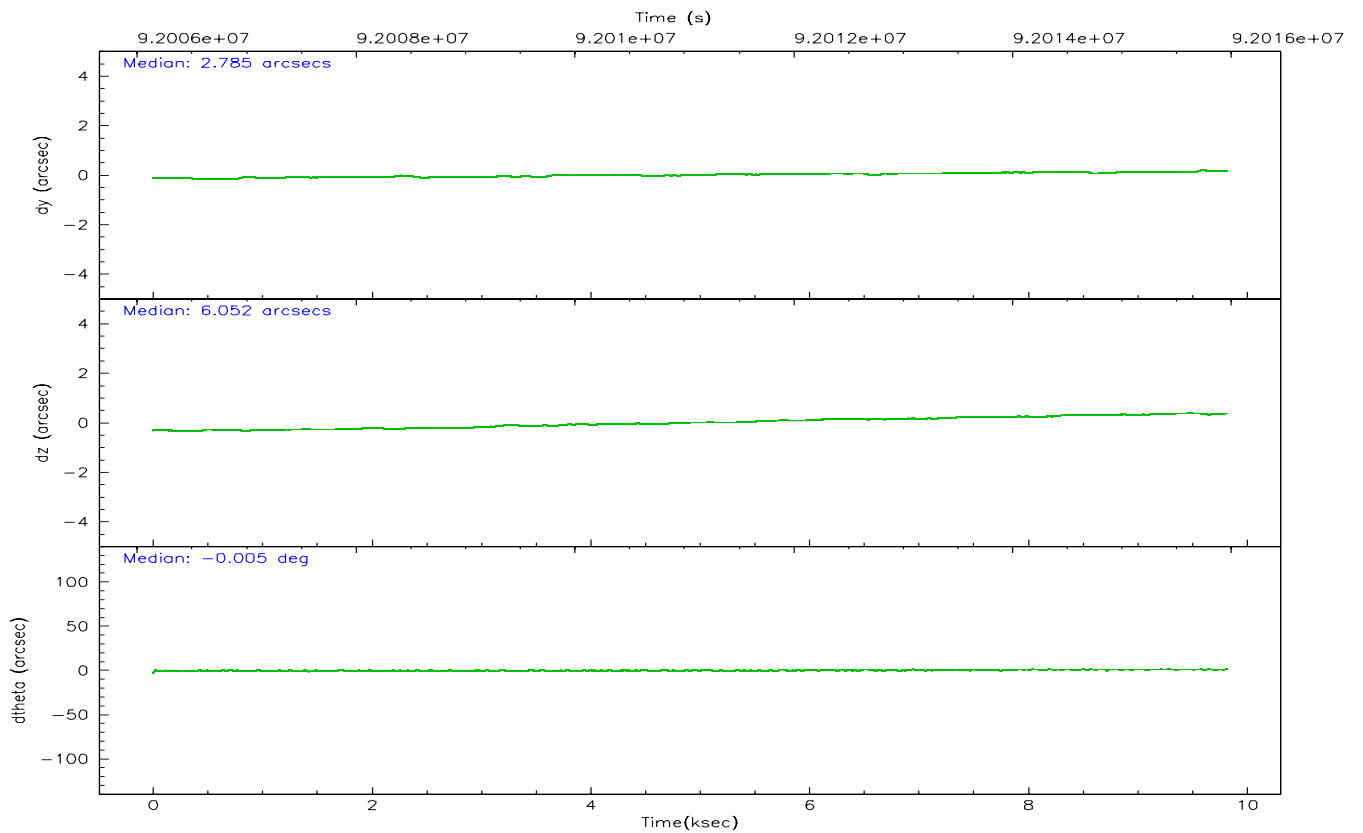
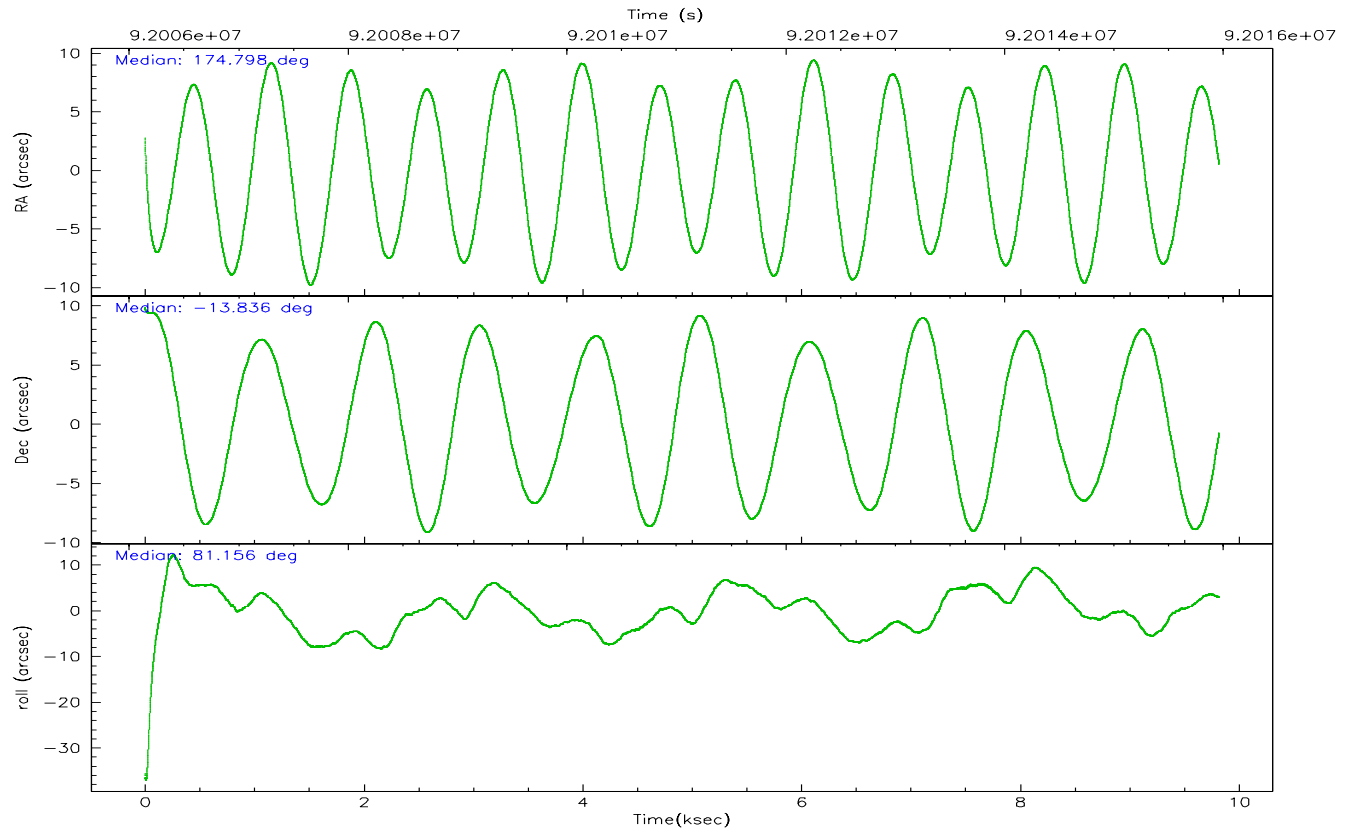
	<b>ccd 7</b>
grade 0 events	1932
	13%
grade 1 events	21
	0%
grade 2 events	1899
	13%
grade 3 events	1124
	8%
grade 4 events	1040
	7%
grade 5 events	986
	7%
grade 6 events	2671
	19%
grade 7 events	4232
	30%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	174.808293	174.7979327964594	Subarray requested	1/8	1/8
Pointing Dec	-13.861666	-13.83626435803118	Subarray start row	0	449
Pointing Roll	81.003280	81.15738784015389	Subarray row count	1024	128
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	0.4
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	92006361.184000	92005356.685945			
Observation start date	2000-11-30T21:18:17	2000-11-30T21:02:36			
Observation end time	92015961.184000	92016789.023882			
Observation end date	2000-11-30T23:58:17	2000-12-01T00:13:09			
Read mode	TIMED	TIMED			

### 2.3 Aspect





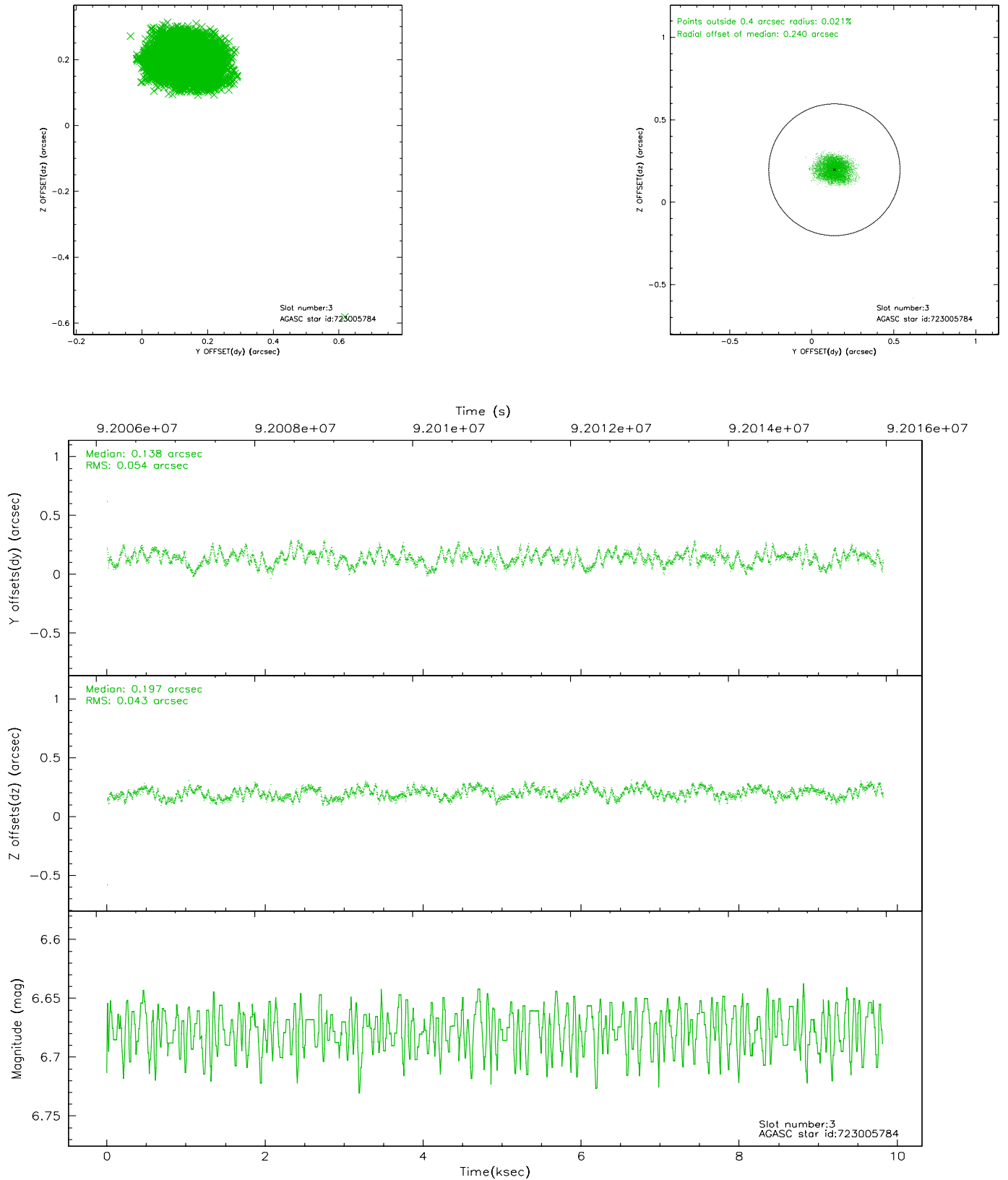
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	2396	-0.021	0.024	0.008	0.013	0.000000	0.000000	-755.42	-1727.19
1	FID	ACIS-S-4	7.21	2396	-0.044	0.004	0.006	0.010	0.000000	0.000000	2157.56	180.76
2	FID	ACIS-S-5	7.23	2396	0.033	-0.019	0.006	0.011	0.000000	0.000000	-1807.54	174.97
3	GUIDE	723005784	6.68	4792	0.138	0.197	0.074	0.115	174.963005	-14.468539	-2074.00	-873.70
4	GUIDE	723001640	10.30	4791	0.199	0.028	0.139	0.234	174.422337	-14.161760	-1279.56	1161.87
5	GUIDE	722999344	10.52	4790	0.095	-0.285	0.149	0.248	174.163417	-13.986113	-798.46	2154.92
6	GUIDE	722997592	9.57	4790	-0.265	0.078	0.094	0.150	174.533385	-13.192821	2226.10	1329.25
7	GUIDE	722996664	9.00	4791	-0.166	-0.026	0.070	0.118	174.774975	-13.414720	1570.82	367.64

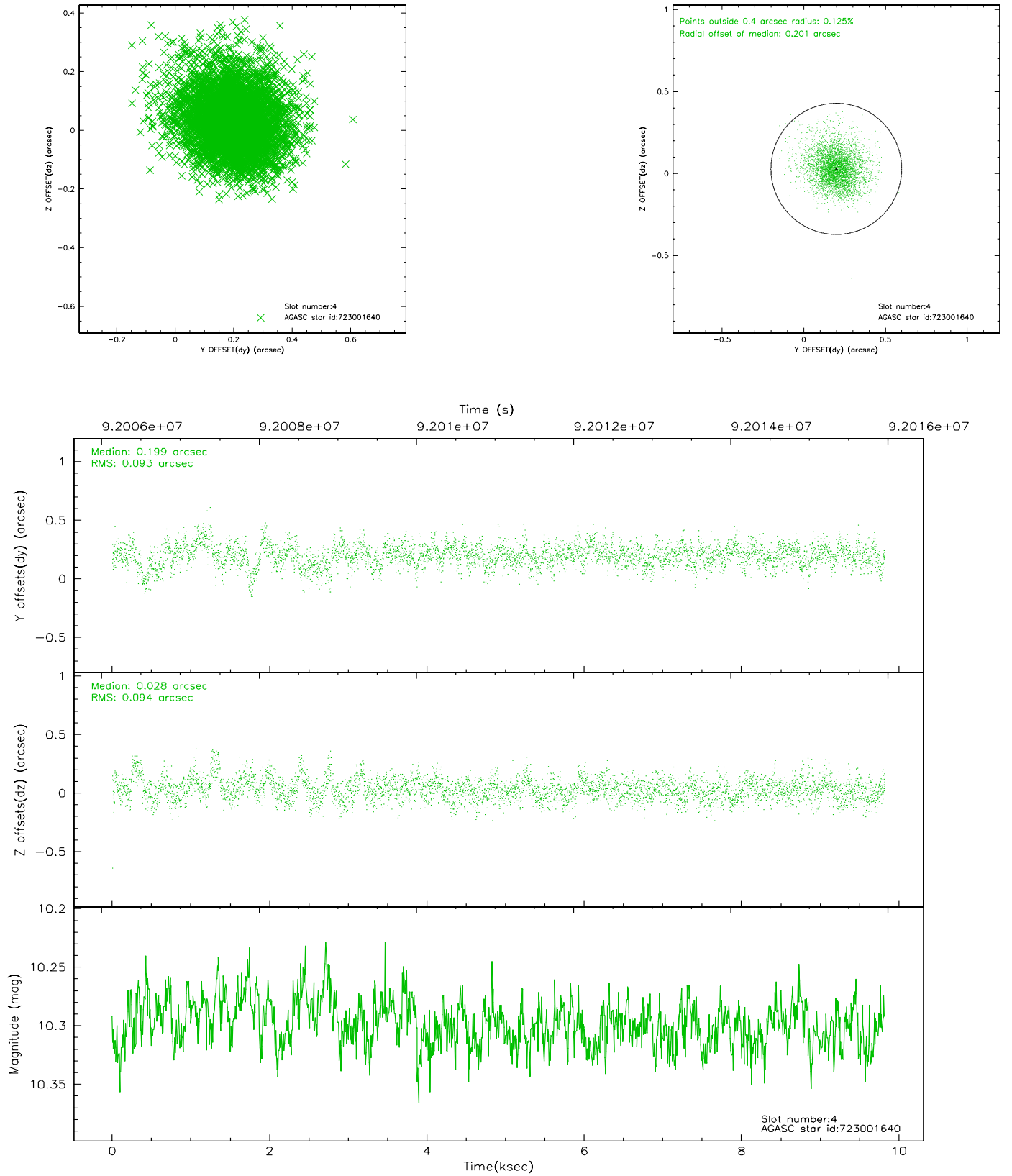


## 2.4 Star Slots

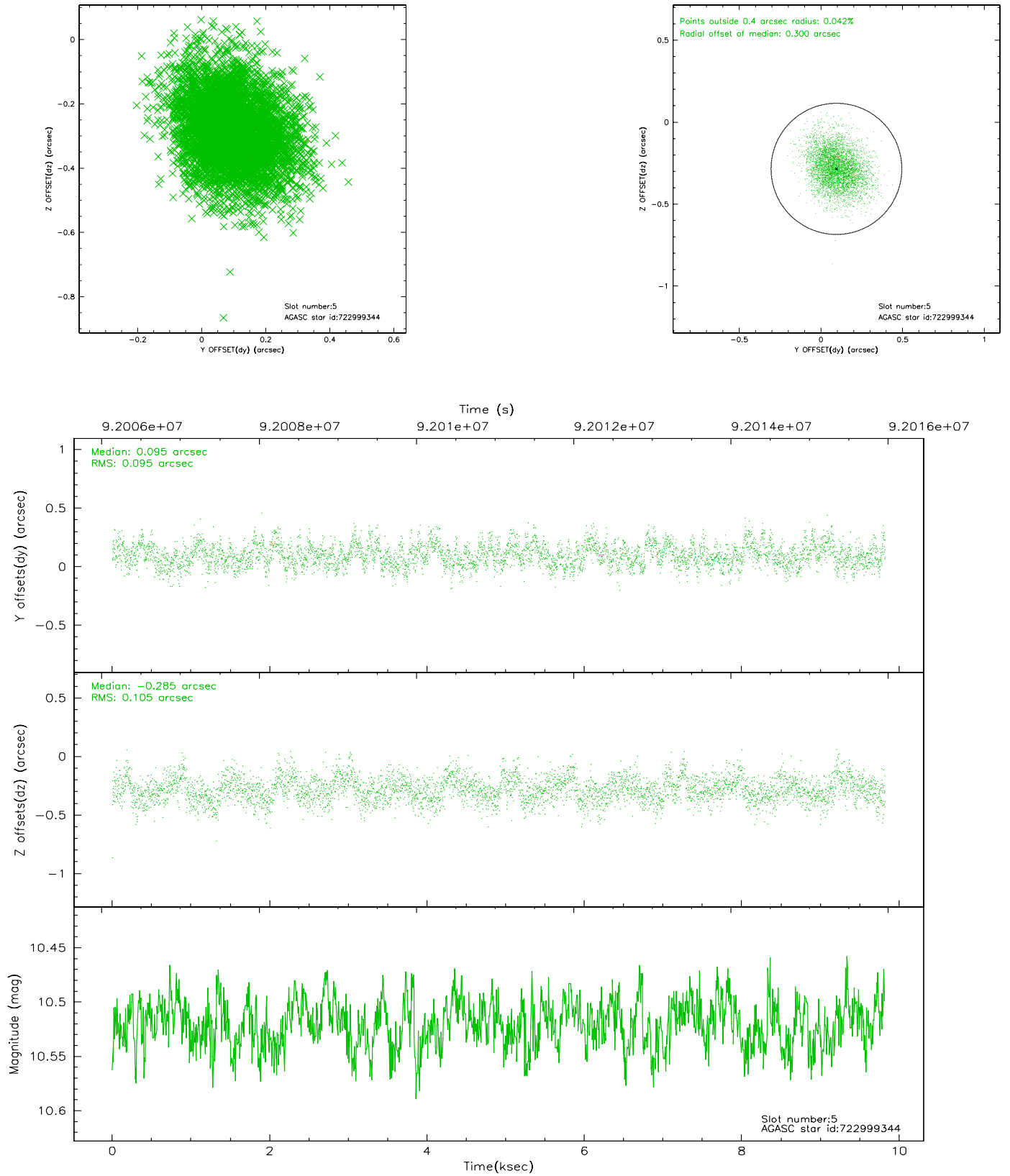
### 2.4.1 Slot 3



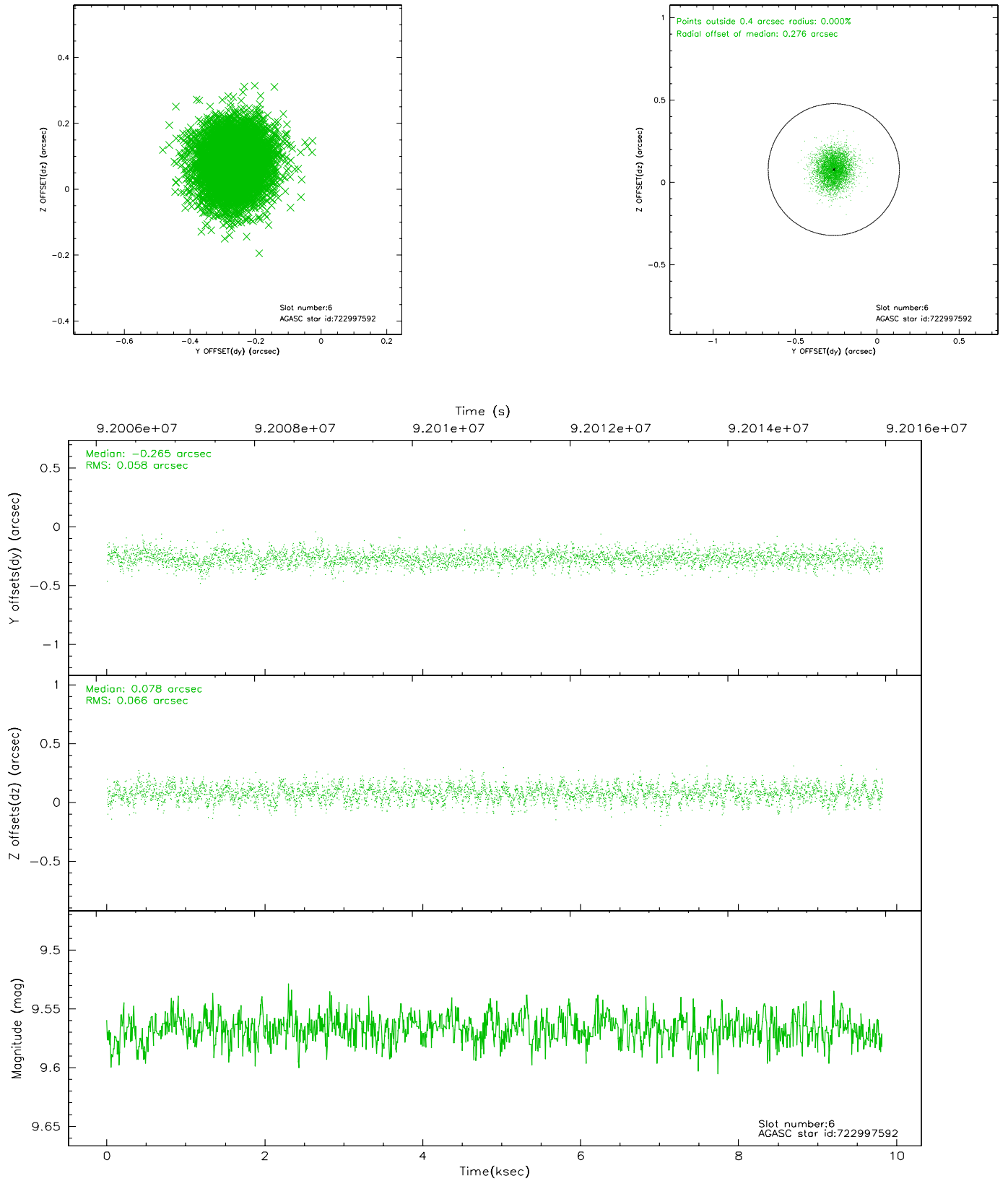
## 2.4.2 Slot 4



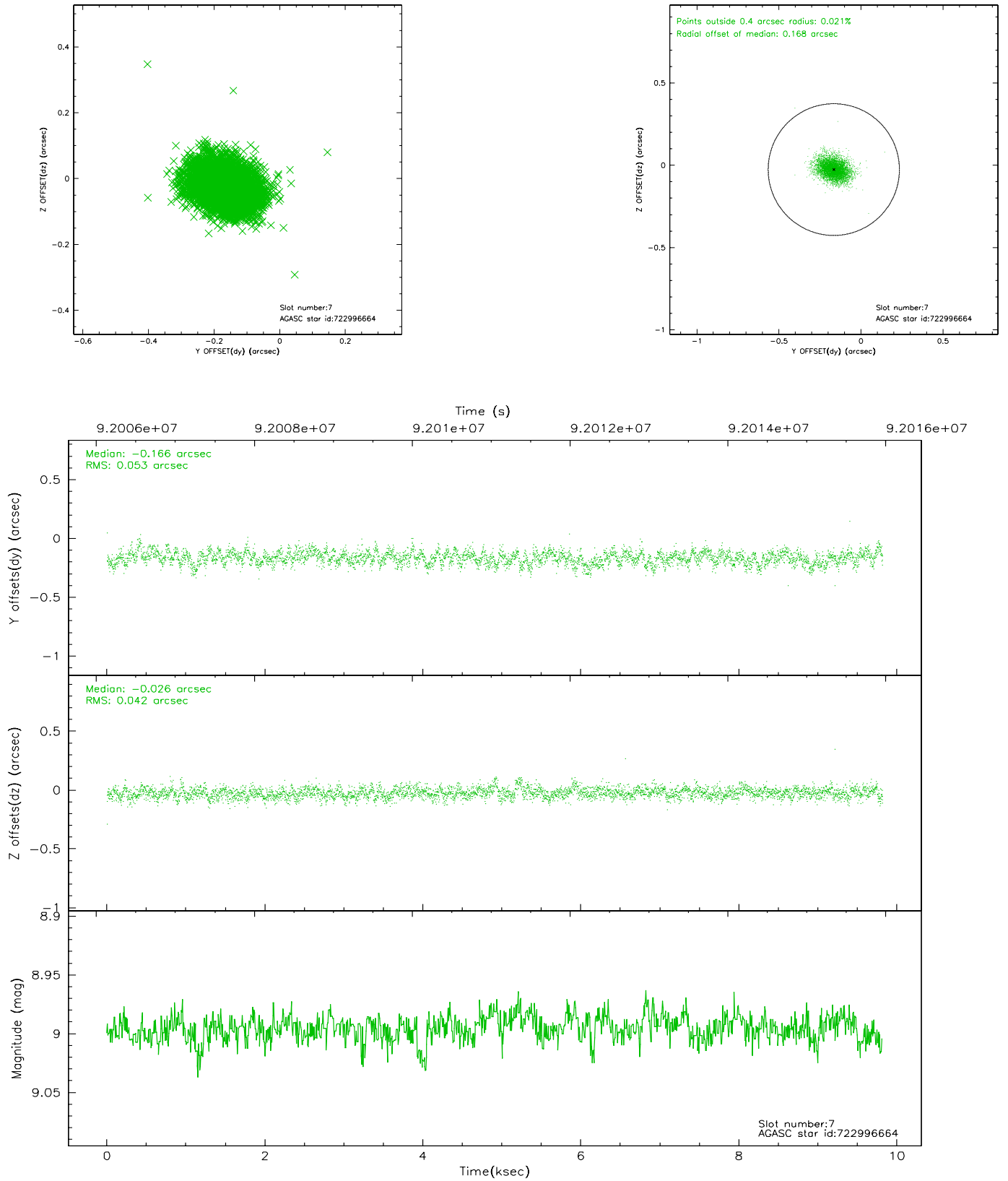
### 2.4.3 Slot 5



## 2.4.4 Slot 6

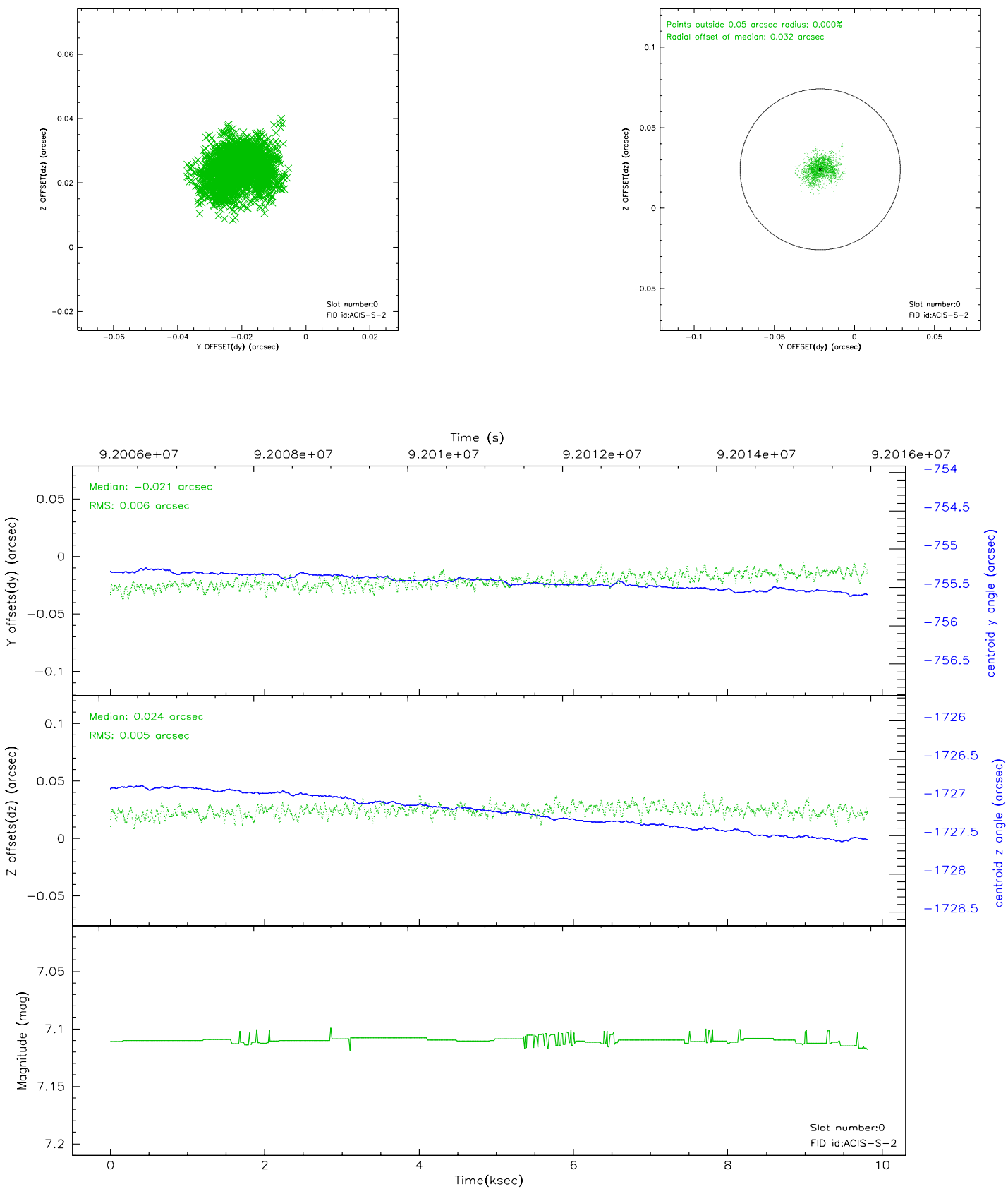


## 2.4.5 Slot 7

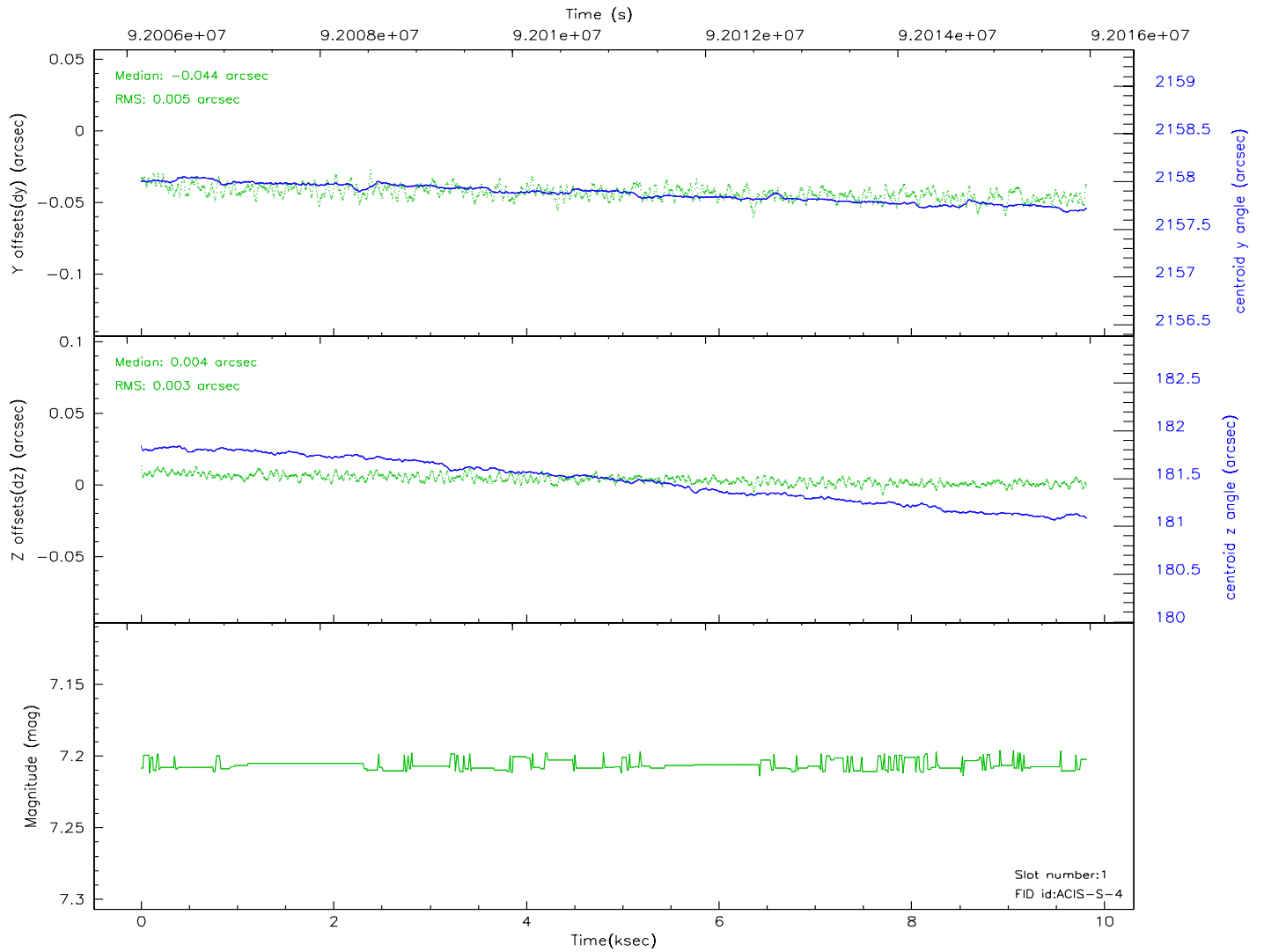
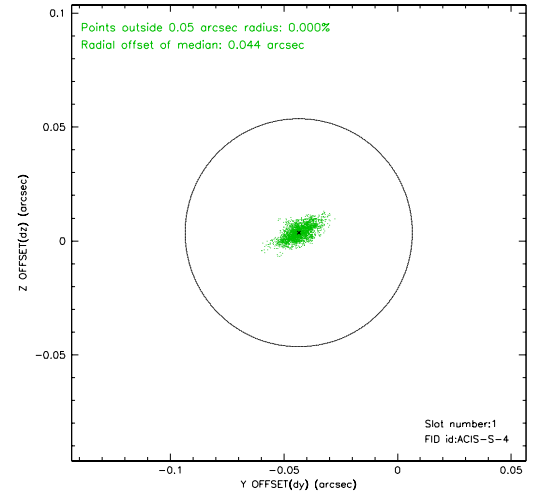
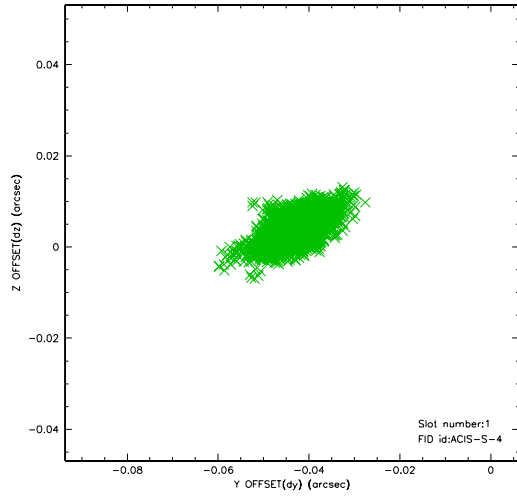


## 2.5 FID Slots

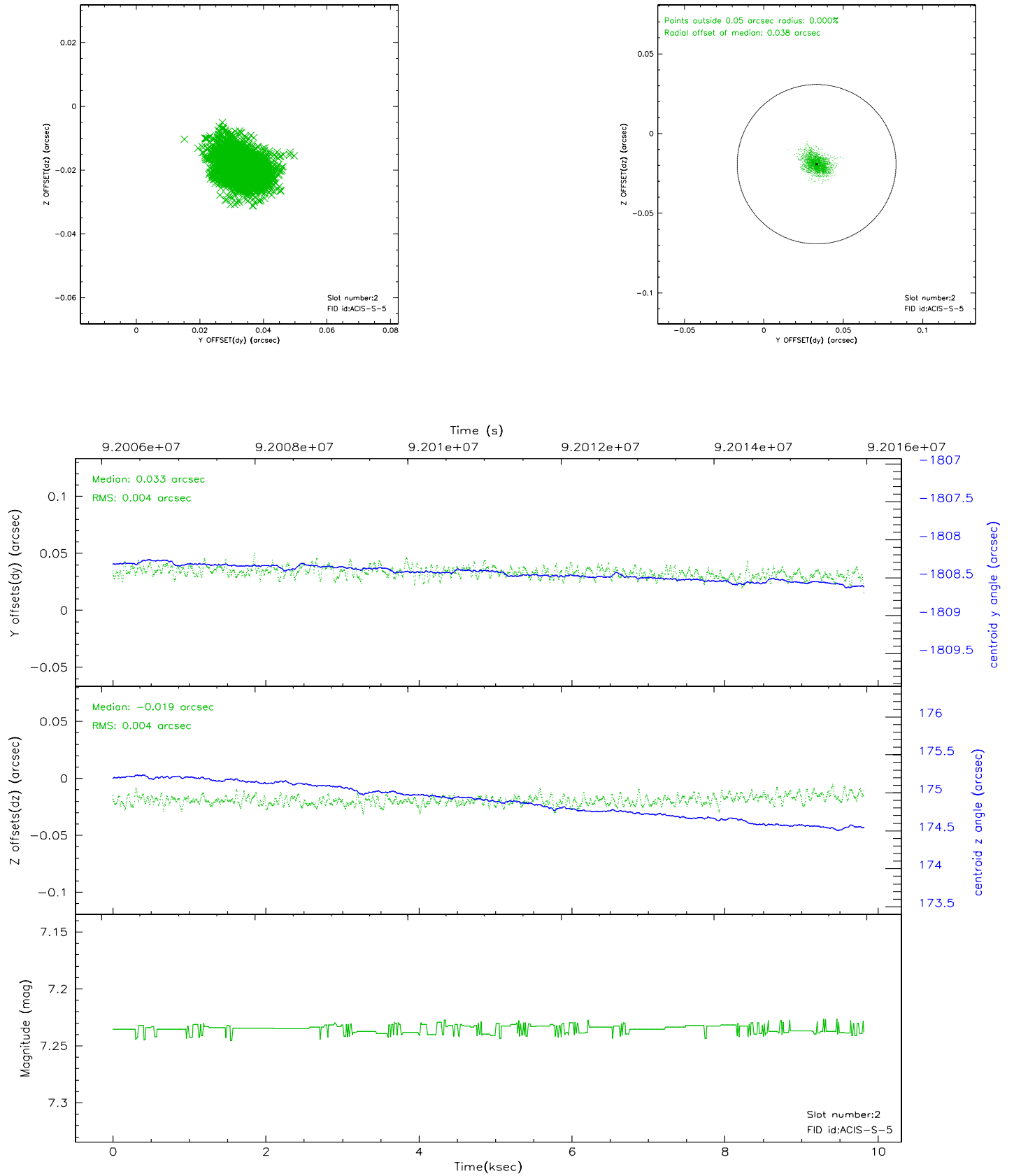
### 2.5.1 Slot 0



## 2.5.2 Slot 1



### 2.5.3 Slot 2





### 3 Point Sources

5.25 arcmin



## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.06.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.82

### A.2 Comments