

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.2

Observation 4780 - L2 Version 001  
Chandra X-Ray Center

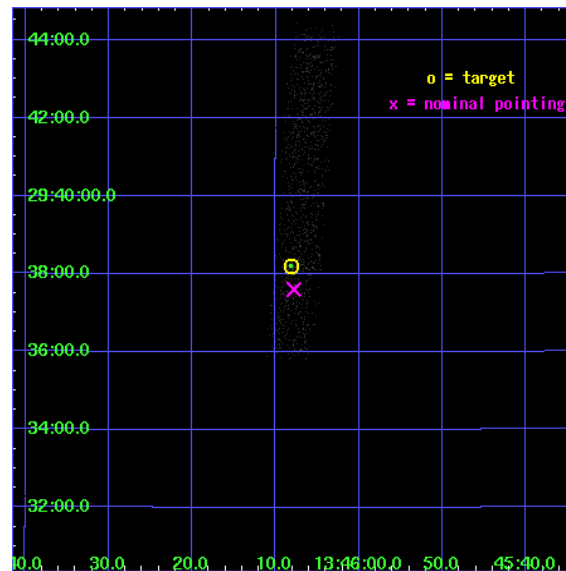
L2 Processing Date : Apr 24 2006

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# 1 Front

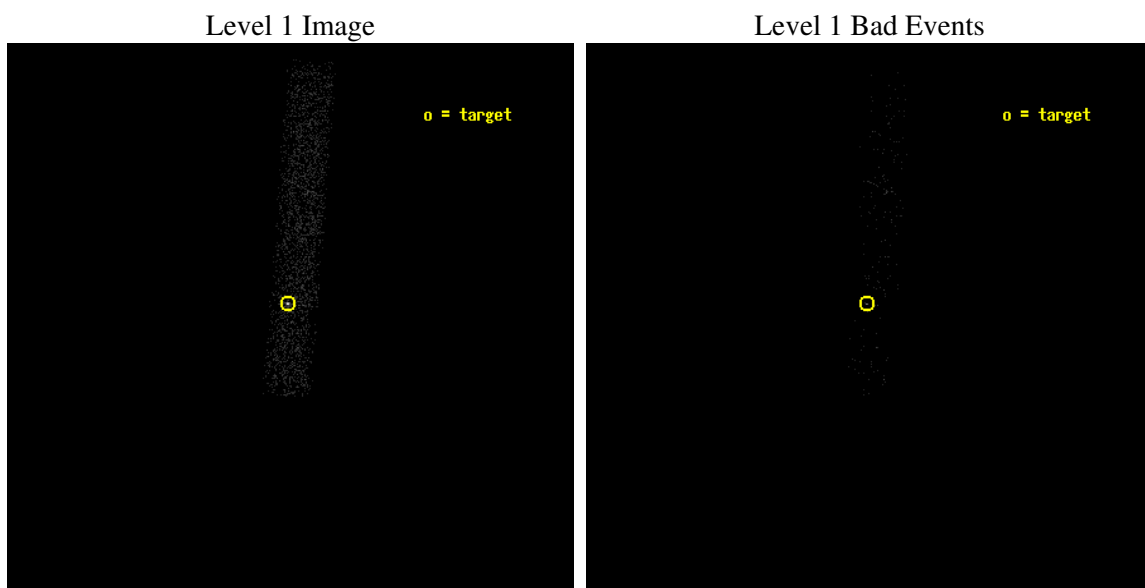
seq_num	700863
obs_id	4780
title	Anchoring the AGN X-ray Luminosity Function
observer	Dr. JOHN SALZER
object	F1345-3363
dtcycle	0
cycle	P
ra_targ	206.53375
dec_targ	29.636306
ra_nom	206.53261787964
dec_nom	29.626495960064
roll_nom	274.49289034902
revision	2
ontime	2188.8000326157
livetime	1985.1260952437
ontime7	2188.8000326157
l2events	1916



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 7



### 2.1.3 Parameters

obi_num	1
ascdsver	7.6.7.2
caldbver	3.2.1
date	2006-04-25T00:31:14
revision	2

sched_exp_time	2007.266000
ontime	2764.8452530205
ontime7	2764.8452530205
l1events	4332

### 2.1.4 Events

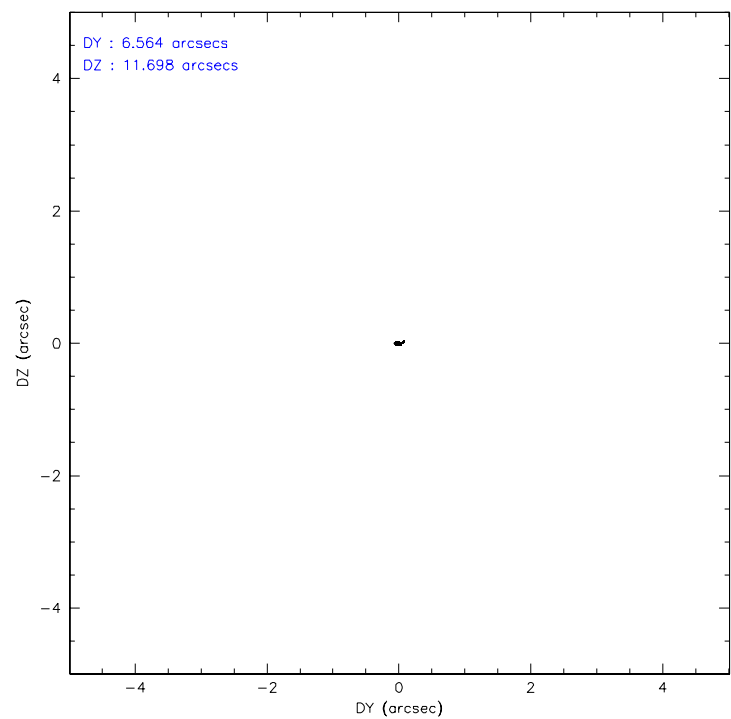
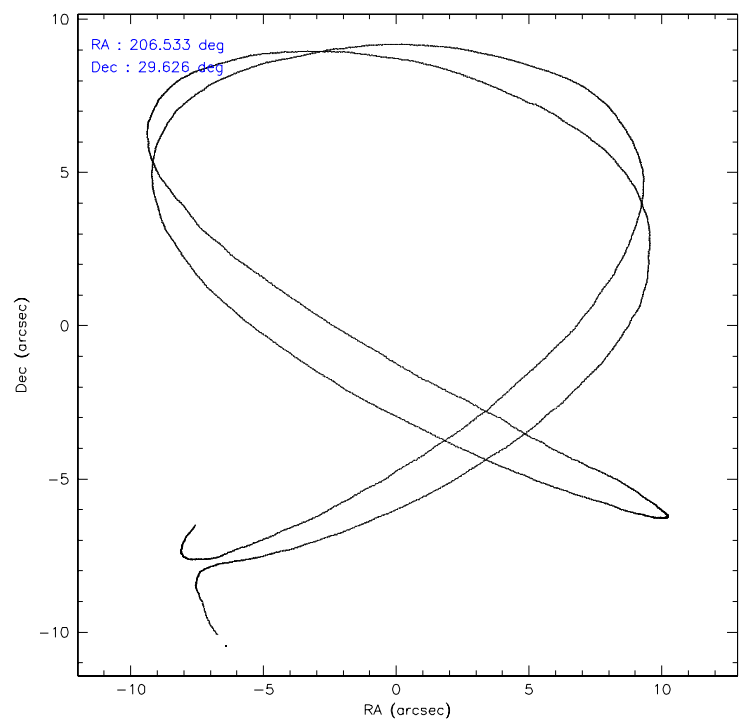
	<b>ccd 7</b>
level 1 events	4332
rejected events	2361
rejected %	54%

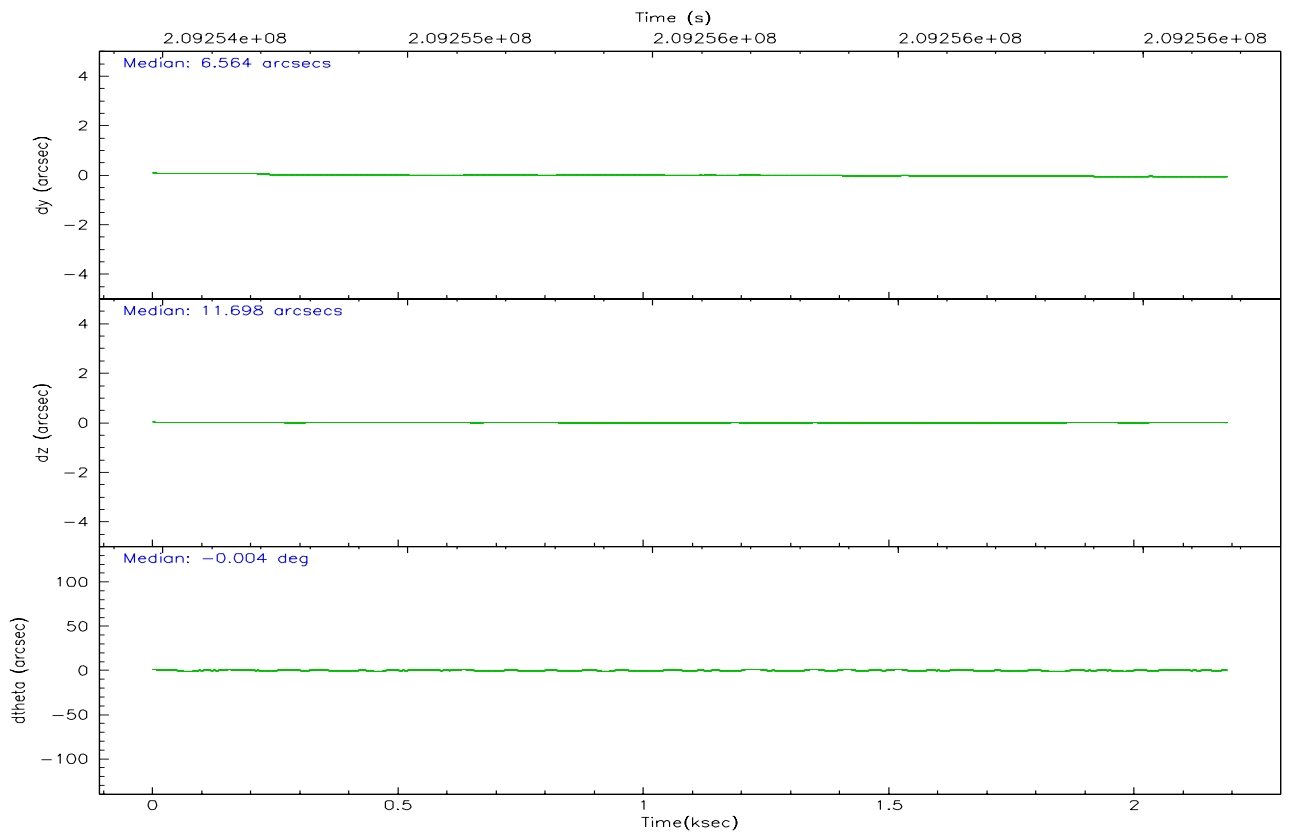
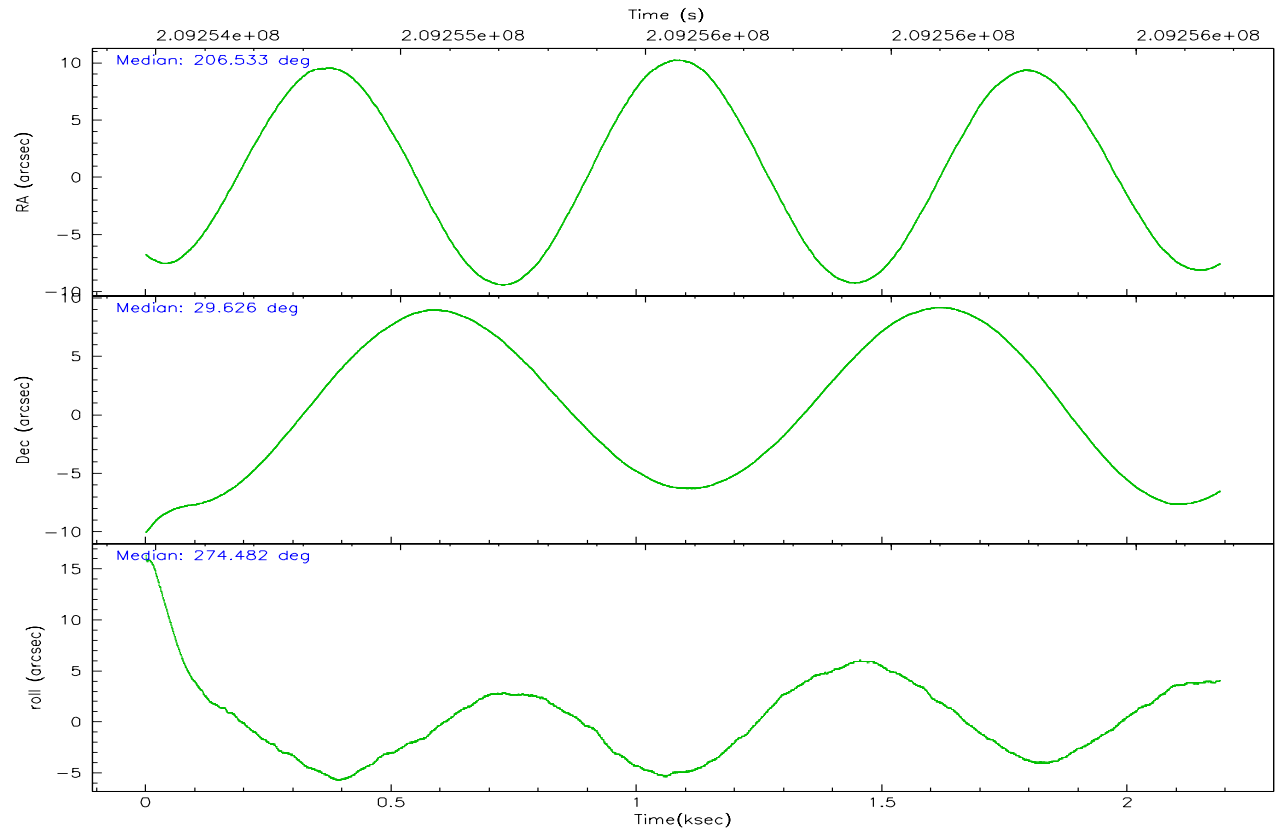
	<b>ccd 7</b>
grade 0 events	402
	9%
grade 1 events	3
	0%
grade 2 events	528
	12%
grade 3 events	259
	5%
grade 4 events	243
	5%
grade 5 events	269
	6%
grade 6 events	865
	19%
grade 7 events	1763
	40%

## 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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	1/8	1/8
Pointing RA	206.514576	206.5326178796396	Subarray start row	0	449
Pointing Dec	29.648915	29.62649596006359	Subarray row count	1024	128
Pointing Roll	274.345152	274.4928903490233	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	0.4
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	209254662.184000	209253752.38921			
Observation start date	2004-08-18T22:16:38	2004-08-18T22:02:32			
Observation end time	209256670.184000	209256897.08935			
Observation end date	2004-08-18T22:50:06	2004-08-18T22:54:57			
Read mode	TIMED	TIMED			

## 2.3 Aspect





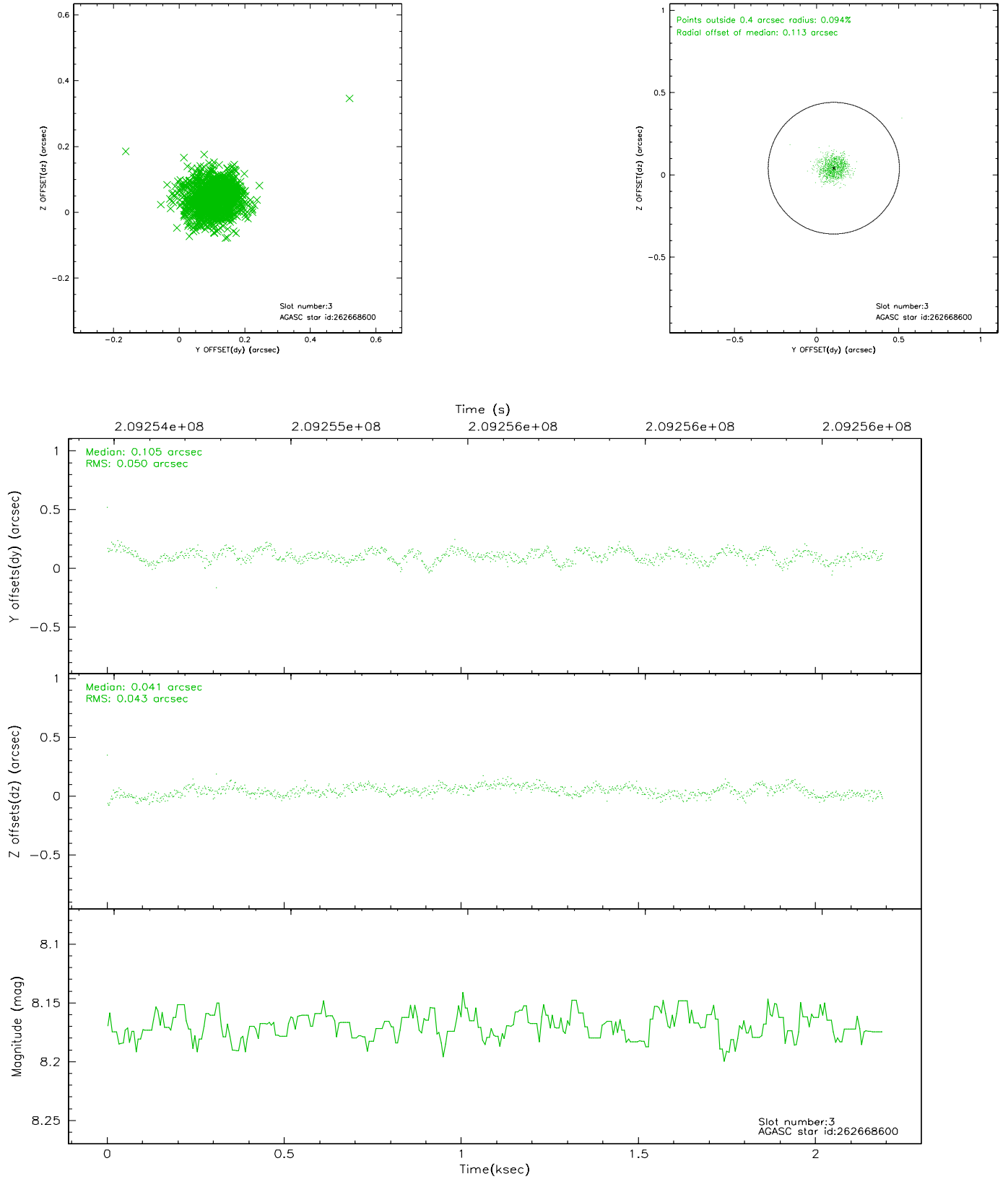
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	534	-0.031	0.002	0.007	0.012	0.000000	0.000000	-759.33	-1732.94
1	FID	ACIS-S-4	7.20	534	0.027	0.015	0.005	0.008	0.000000	0.000000	2152.65	172.48
2	FID	ACIS-S-5	7.23	534	-0.027	-0.008	0.005	0.011	0.000000	0.000000	-1808.34	169.51
3	GUIDE	262668600	8.17	1069	0.105	0.041	0.068	0.107	206.125817	28.976683	2318.28	-1403.53
4	GUIDE	262668712	9.68	1067	-0.037	0.064	0.114	0.184	206.121190	29.995616	-1337.68	-1129.48
5	GUIDE	262670112	9.49	1067	0.049	-0.067	0.137	0.209	205.765562	29.678751	-293.27	-2327.99
6	GUIDE	262670984	9.24	1065	-0.092	-0.143	0.099	0.160	205.849583	29.505137	351.86	-2118.22
7	GUIDE	262800336	7.60	1068	-0.025	0.095	0.062	0.105	207.134957	29.861227	-621.07	1987.89

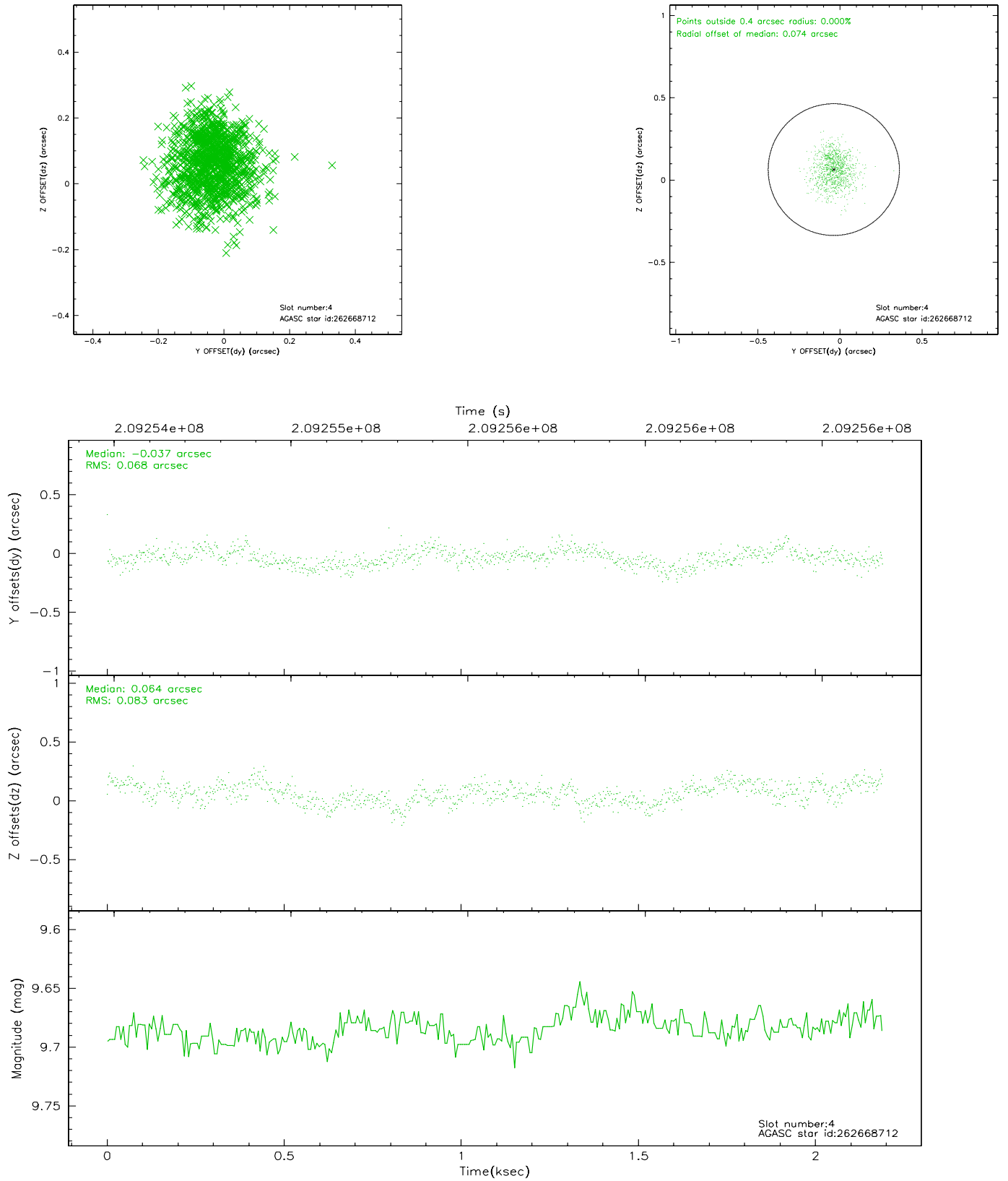


## 2.4 Star Slots

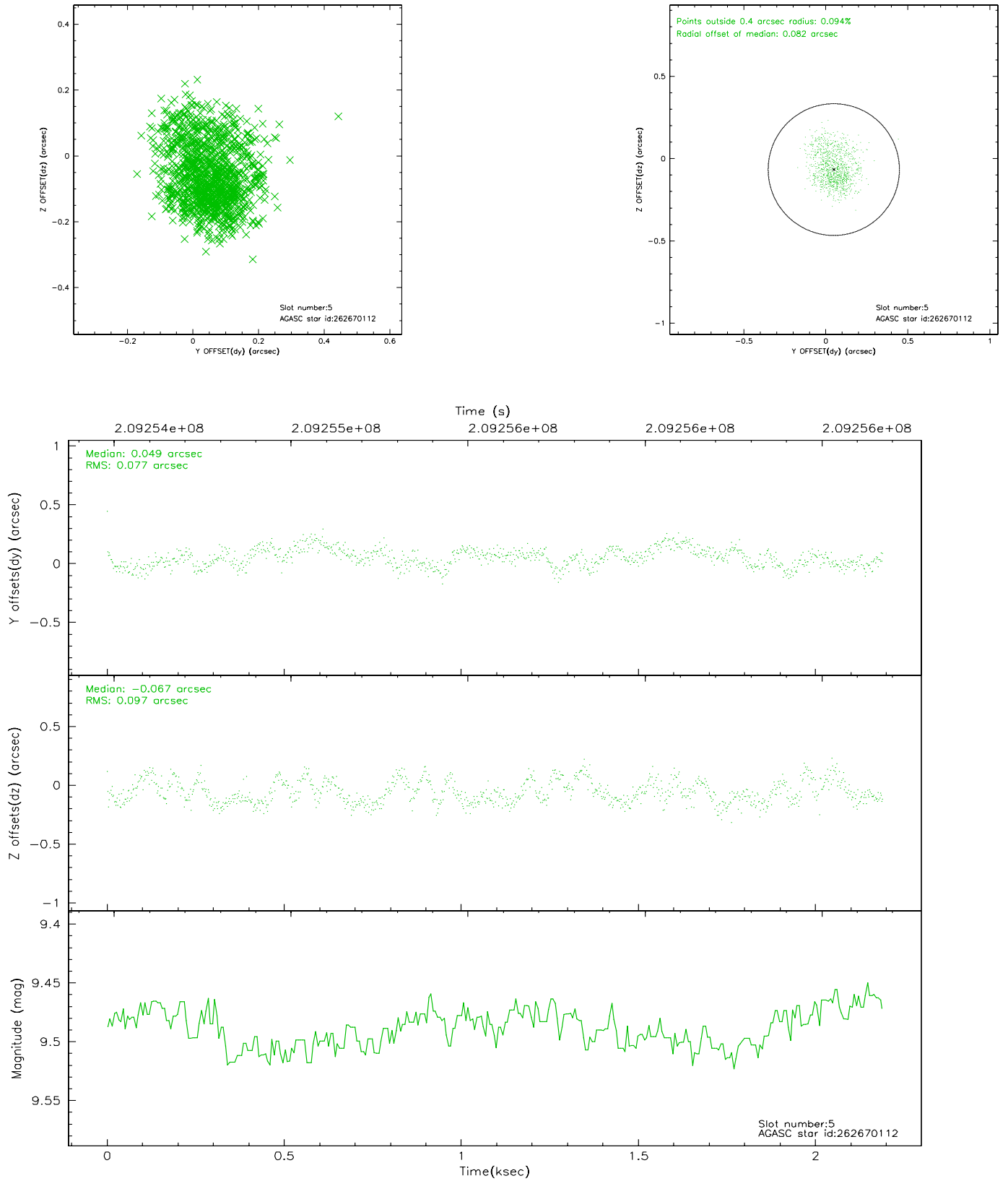
### 2.4.1 Slot 3



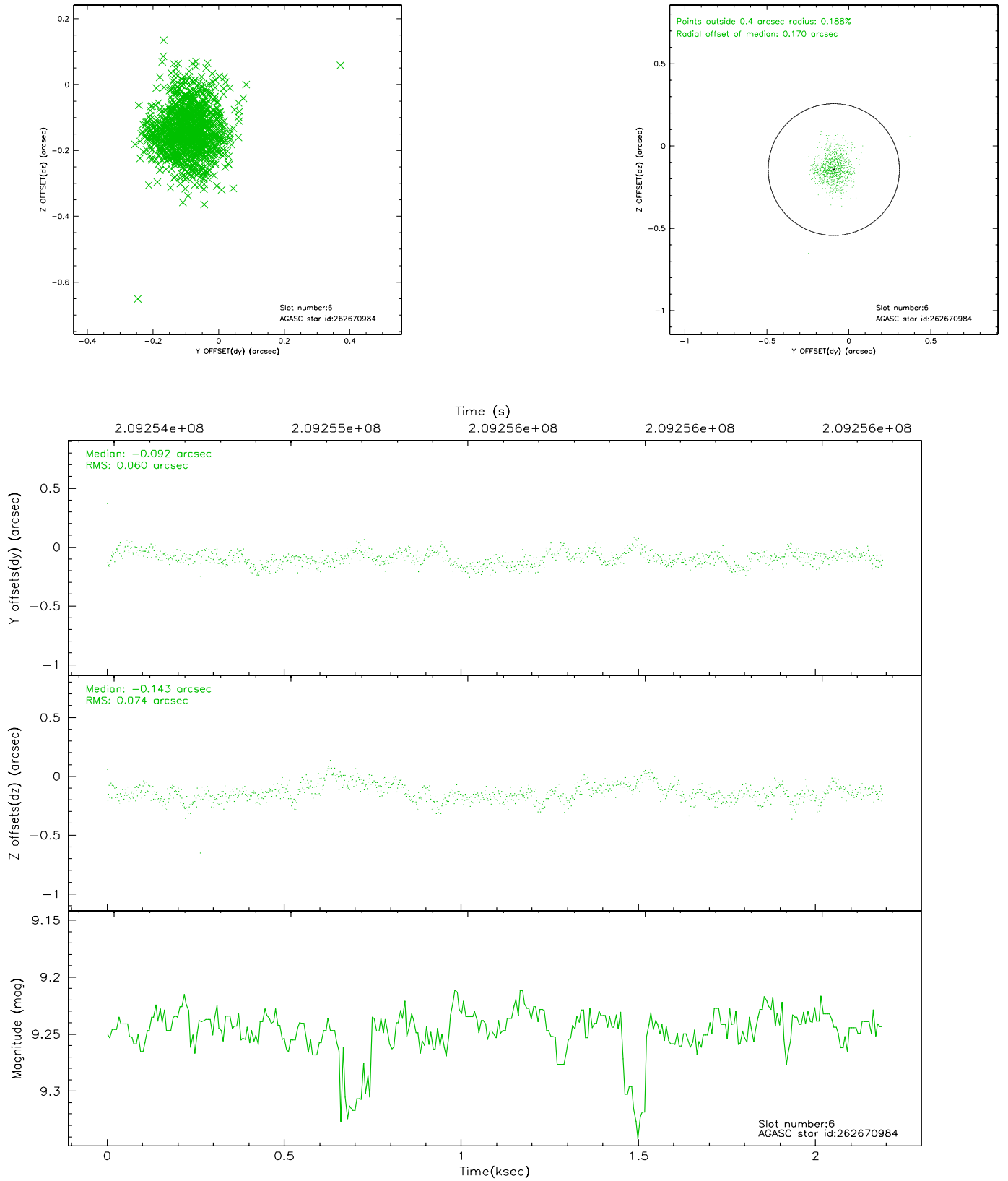
## 2.4.2 Slot 4



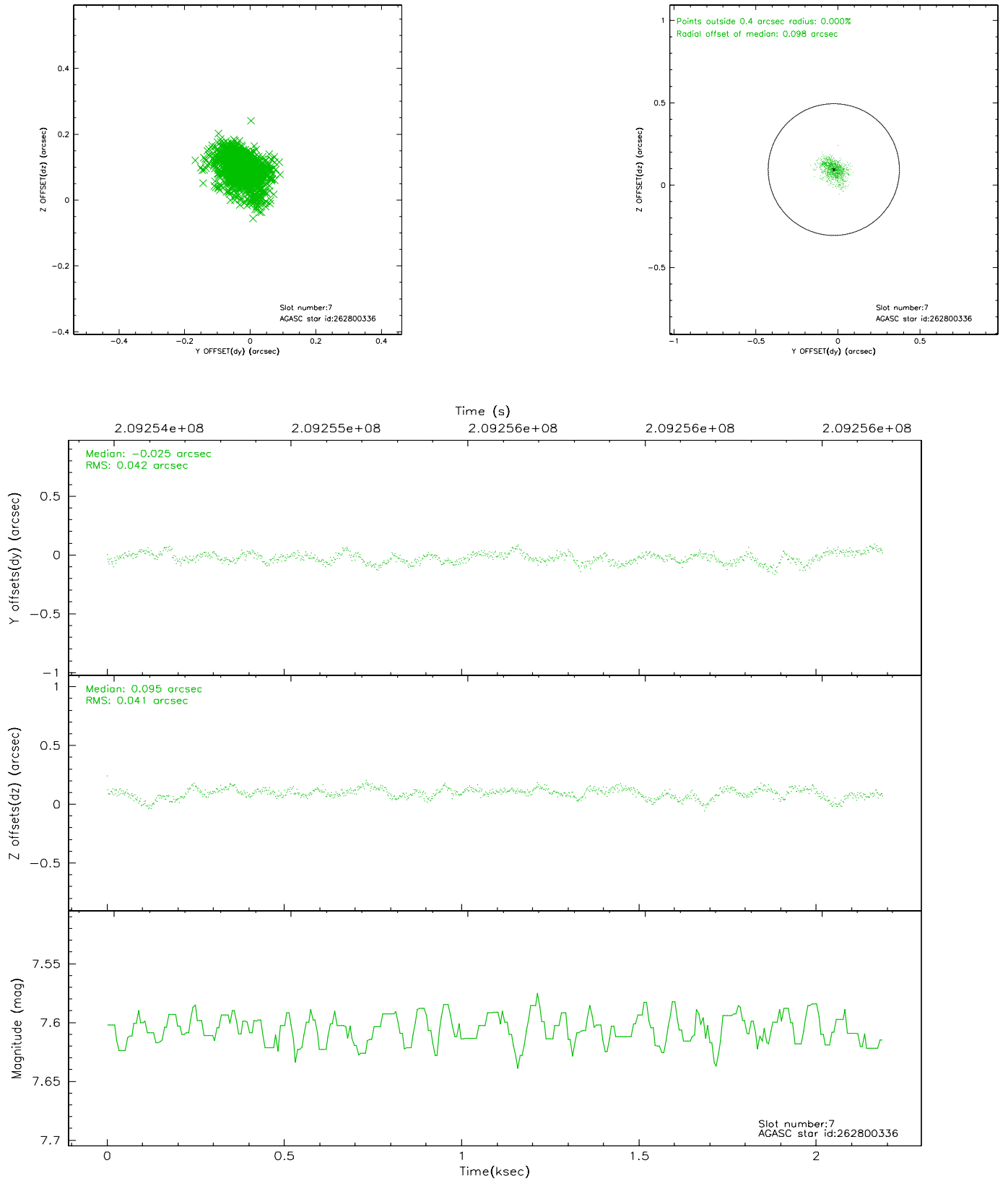
### 2.4.3 Slot 5



## 2.4.4 Slot 6

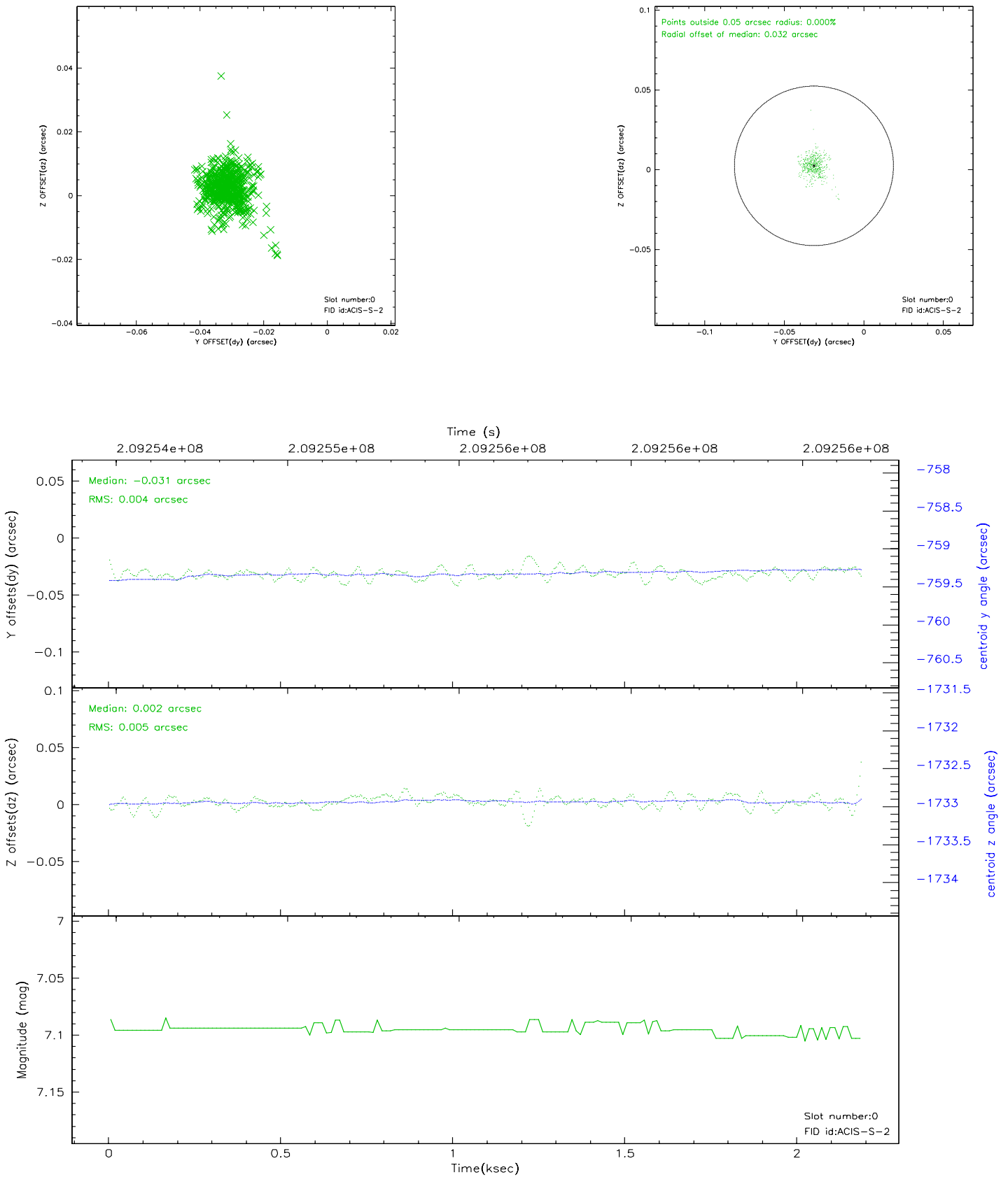


## 2.4.5 Slot 7

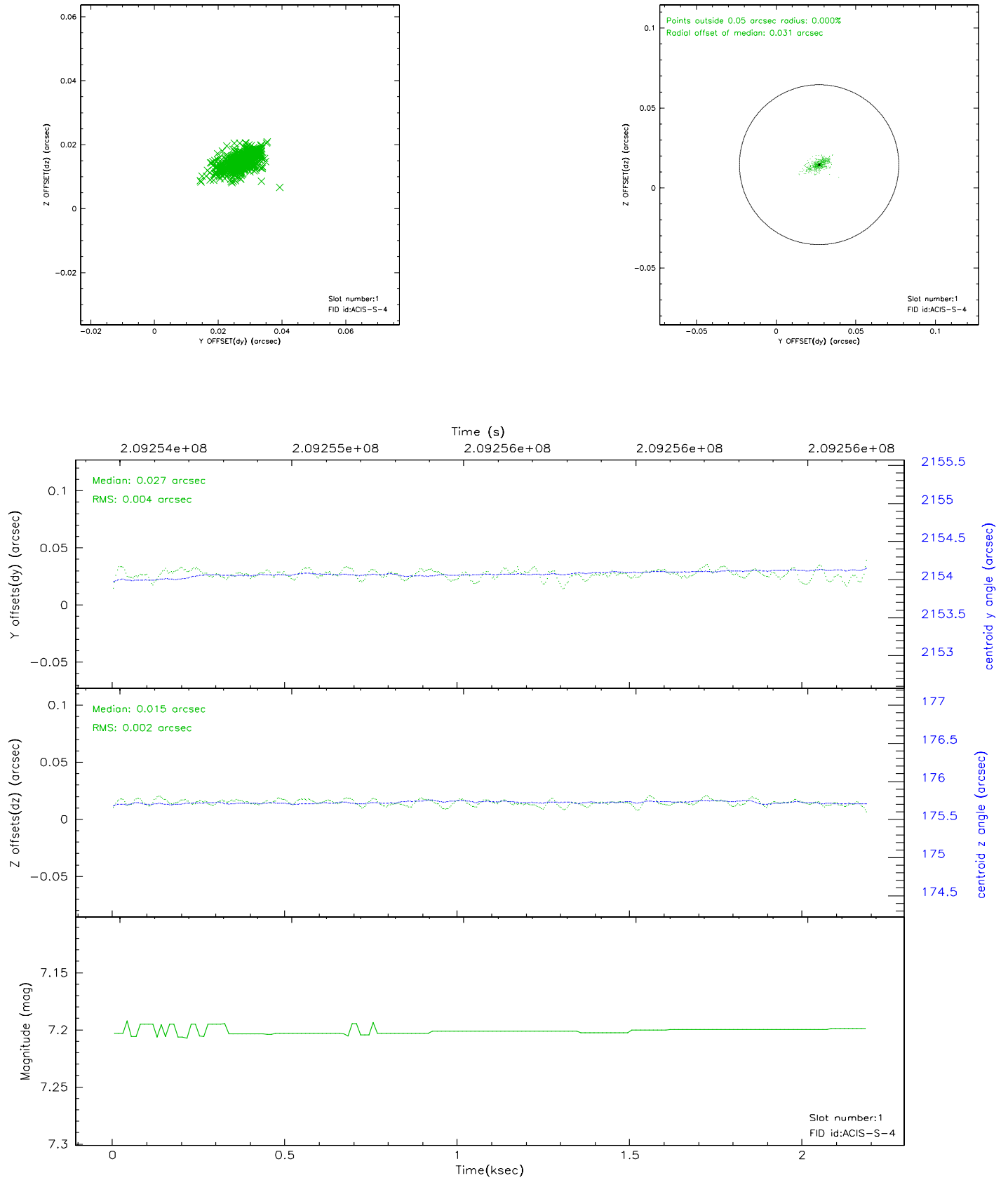


## 2.5 FID Slots

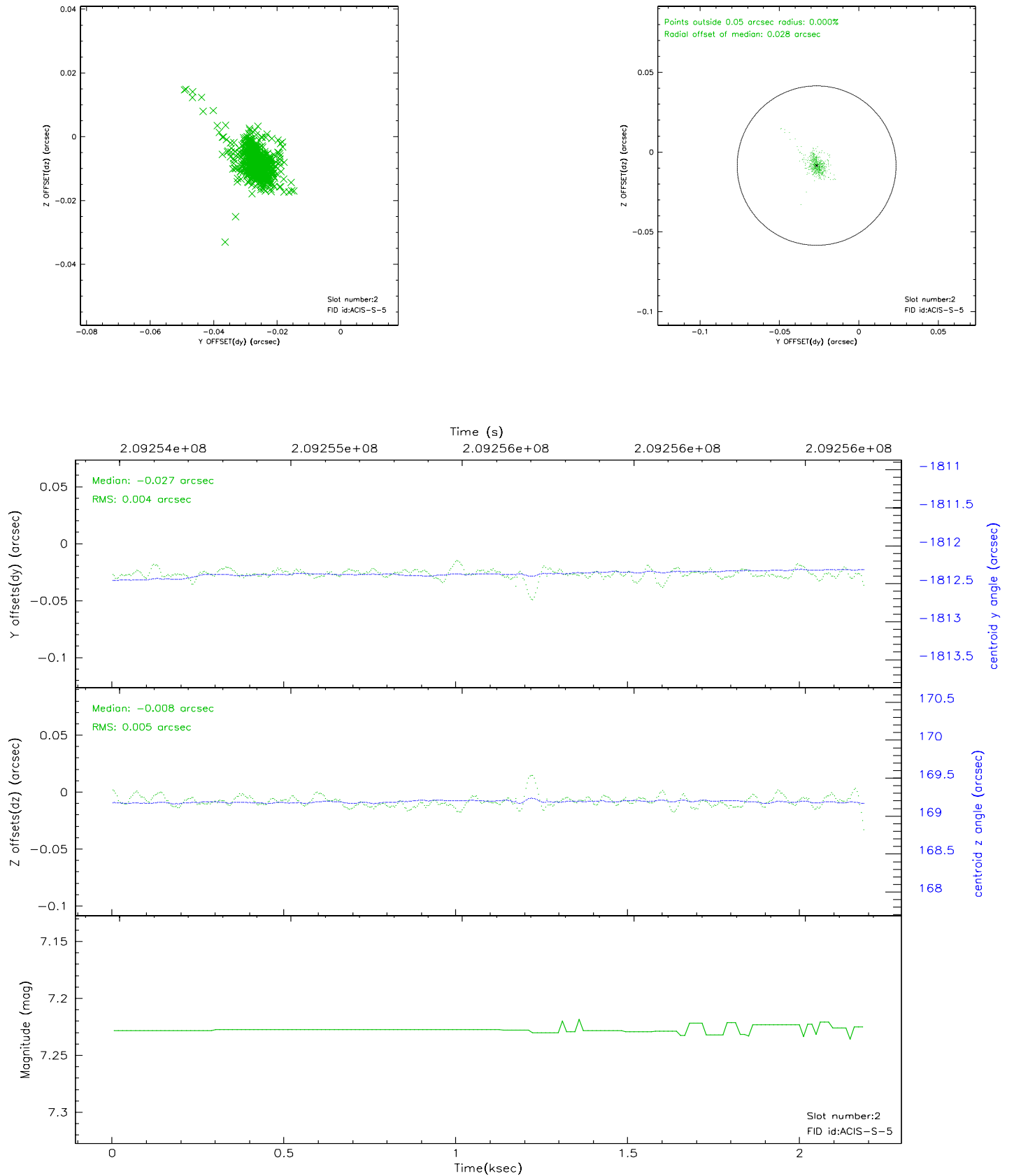
### 2.5.1 Slot 0



## 2.5.2 Slot 1



### 2.5.3 Slot 2





### 3 Point Sources

## A Summary

### A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.04.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.188

### A.2 Comments