

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.2

Observation 4895 - L2 Version 001  
Chandra X-Ray Center

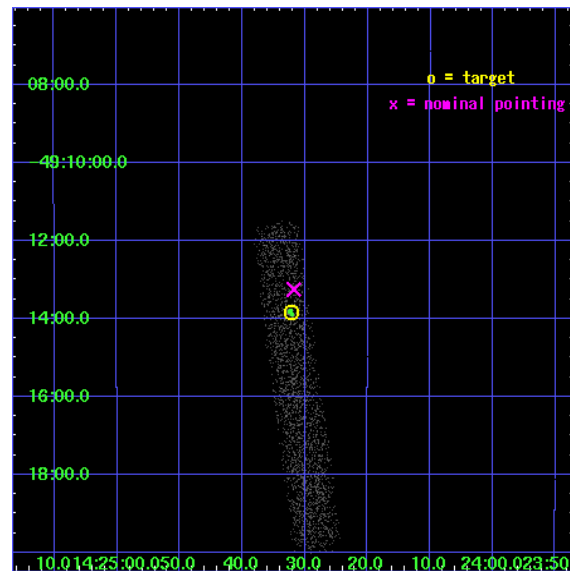
L2 Processing Date : Jun 6 2006

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# 1 Front

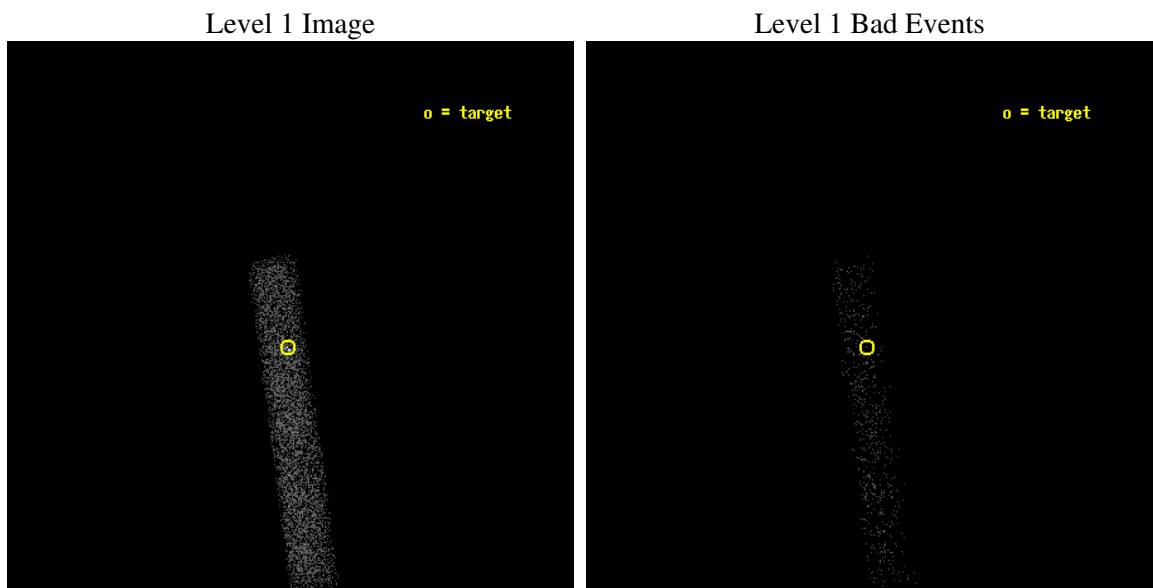
seq_num	700977
obs_id	4895
title	Continuing a Flux-limited Survey for X-ray Emission from Radio Jets
observer	Dr. Herman Marshall
object	1421-490
dtcycle	0
cycle	P
ra_targ	216.134167
dec_targ	-49.230806
ra_nom	216.13241765636
dec_nom	-49.221047337686
roll_nom	82.358471259951
revision	2
ontime	6034.0000899136
livetime	5472.519580912
ontime7	6034.0000899136
l2events	3166



## 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	3.2.2
date	2006-06-06T19:43:50
revision	2

sched_exp_time	5856.000000
ontime	6836.0384679139
ontime7	6836.0384679139
l1events	7780

### 2.1.4 Events

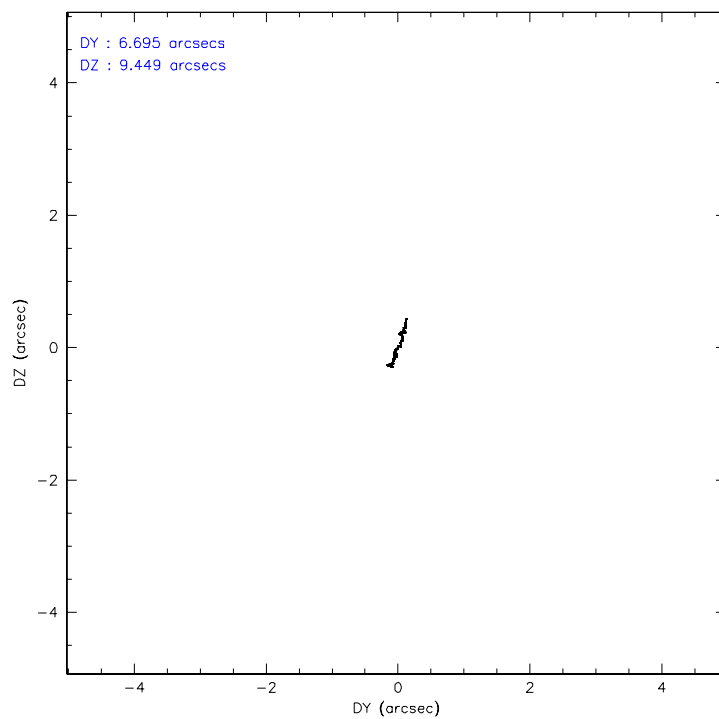
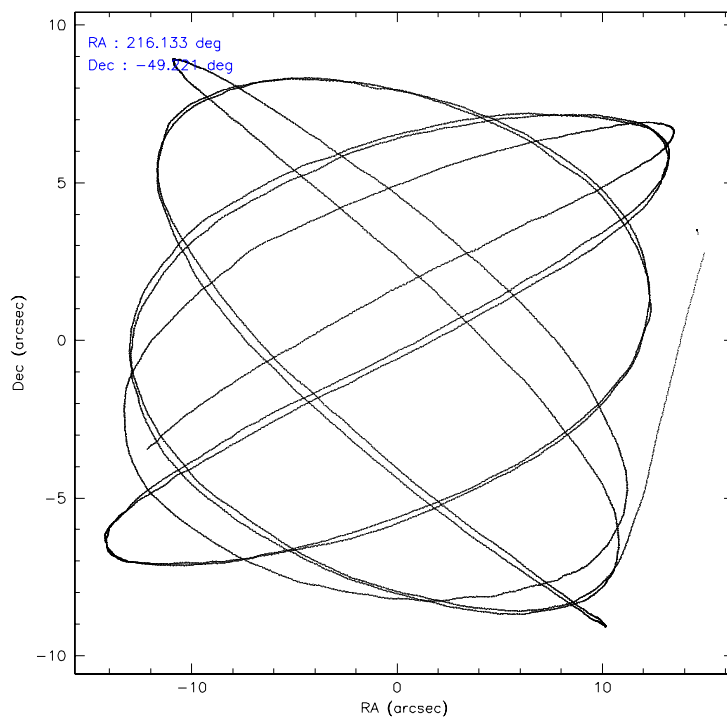
	<b>ccd 7</b>
level 1 events	7780
rejected events	4511
rejected %	57%

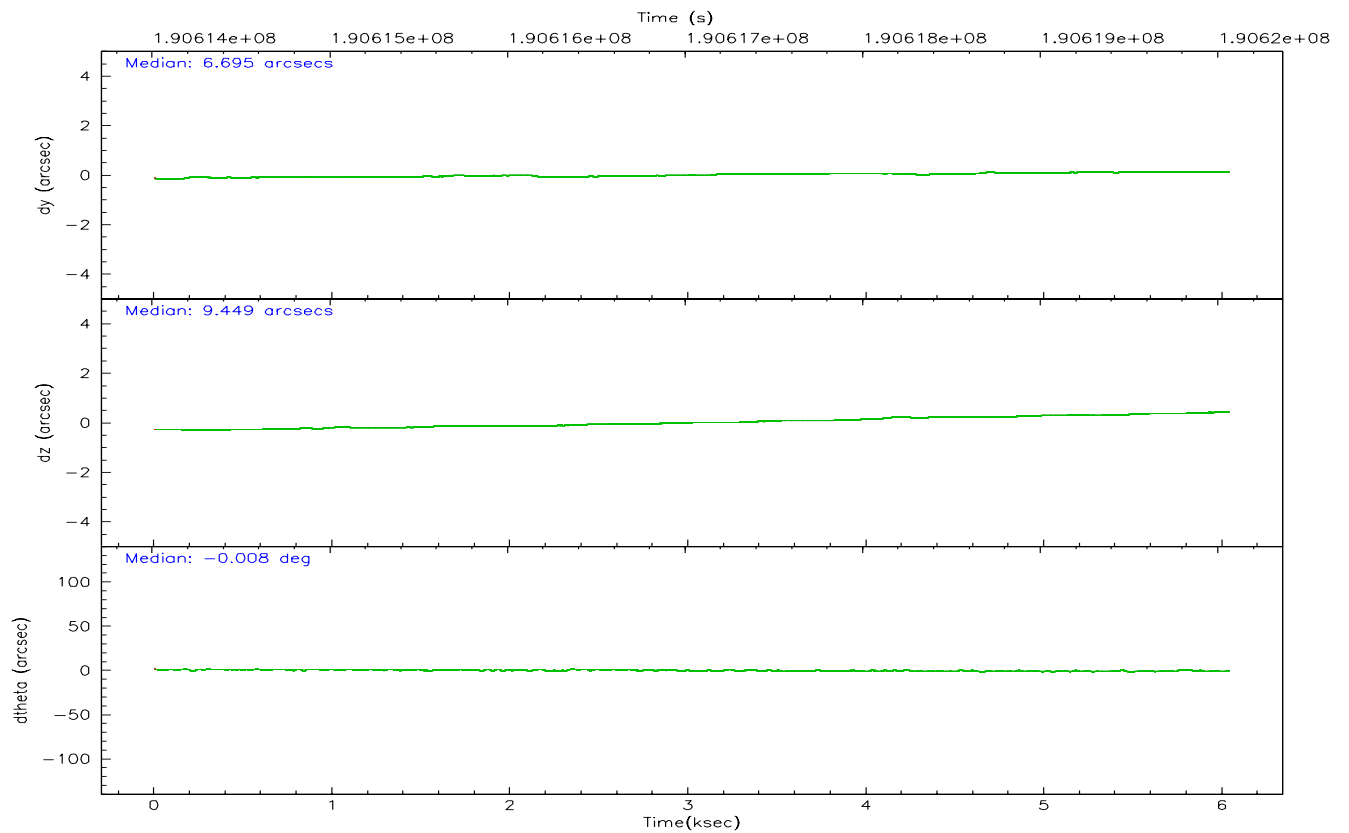
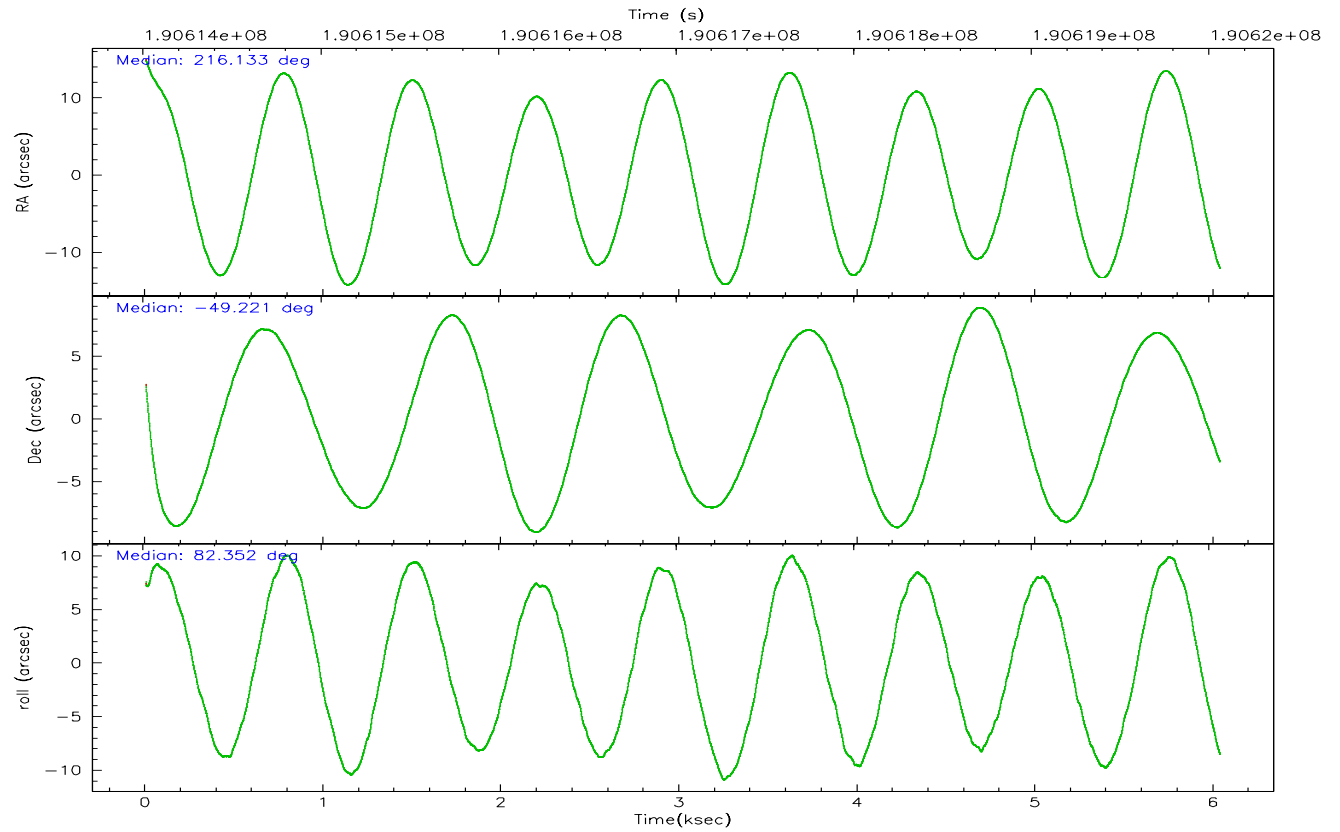
	<b>ccd 7</b>
grade 0 events	370
	4%
grade 1 events	5
	0%
grade 2 events	698
	8%
grade 3 events	438
	5%
grade 4 events	415
	5%
grade 5 events	568
	7%
grade 6 events	1765
	22%
grade 7 events	3521
	45%

## 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	CUSTOM	1/8
Pointing RA	216.148746	216.1324176563597	Subarray start row	1	1
Pointing Dec	-49.246063	-49.22104733768614	Subarray row count	128	128
Pointing Roll	82.214233	82.35847125995087	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)	-178.632523	-178.6395878605364			
SIM translation stage offset (mm)	-11.5	-11.49293472247138			
Observation start time	190614202.184000	190613181.00502			
Observation start date	2004-01-16T04:22:18	2004-01-16T04:06:21			
Observation end time	190620058.184000	190620925.90536			
Observation end date	2004-01-16T05:59:54	2004-01-16T06:15:25			
Read mode	TIMED	TIMED			

## 2.3 Aspect





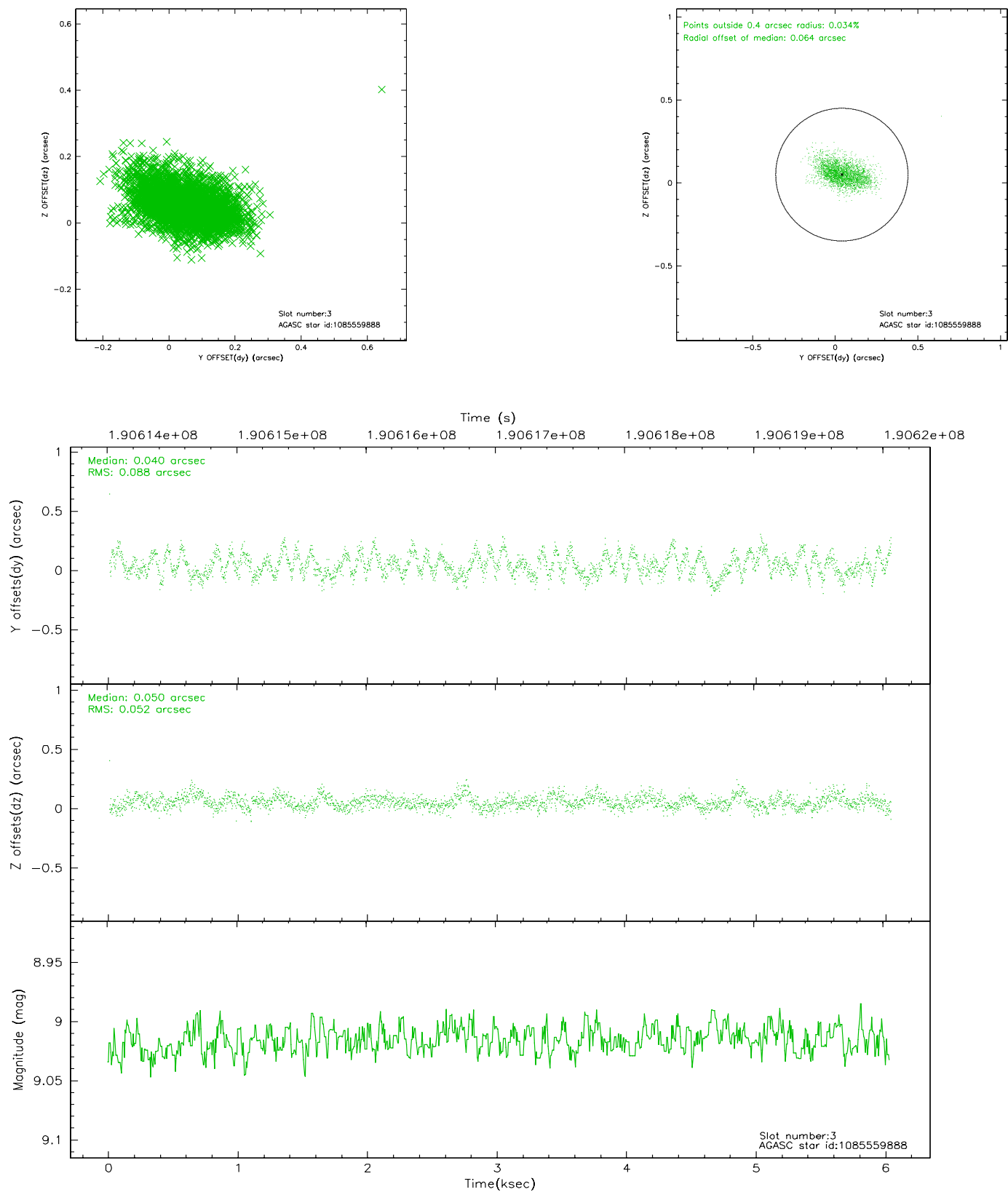
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.19	1473	0.011	0.256	0.011	0.017	0.000000	0.000000	937.56	-1962.63
1	FID	ACIS-S-2	7.08	1472	-0.172	-0.209	0.009	0.014	0.000000	0.000000	-757.98	-1968.90
2	FID	ACIS-S-6	7.43	1473	0.141	-0.045	0.007	0.011	0.000000	0.000000	402.78	577.19
3	GUIDE	1085559888	9.02	2945	0.040	0.050	0.108	0.179	217.249097	-48.696948	2294.50	-2324.45
4	GUIDE	1085934240	7.90	2944	0.057	-0.202	0.087	0.146	215.229893	-49.366645	-734.14	2073.06
5	GUIDE	1085941048	9.58	2945	0.160	-0.214	0.103	0.170	215.130117	-49.703595	-1969.30	2125.23
6	GUIDE	1085947088	9.38	2944	0.097	0.176	0.089	0.152	216.086243	-49.693679	-1616.72	-72.91
7	GUIDE	1085562712	7.11	2944	-0.355	0.176	0.059	0.100	216.822277	-48.636295	2384.13	-1290.04

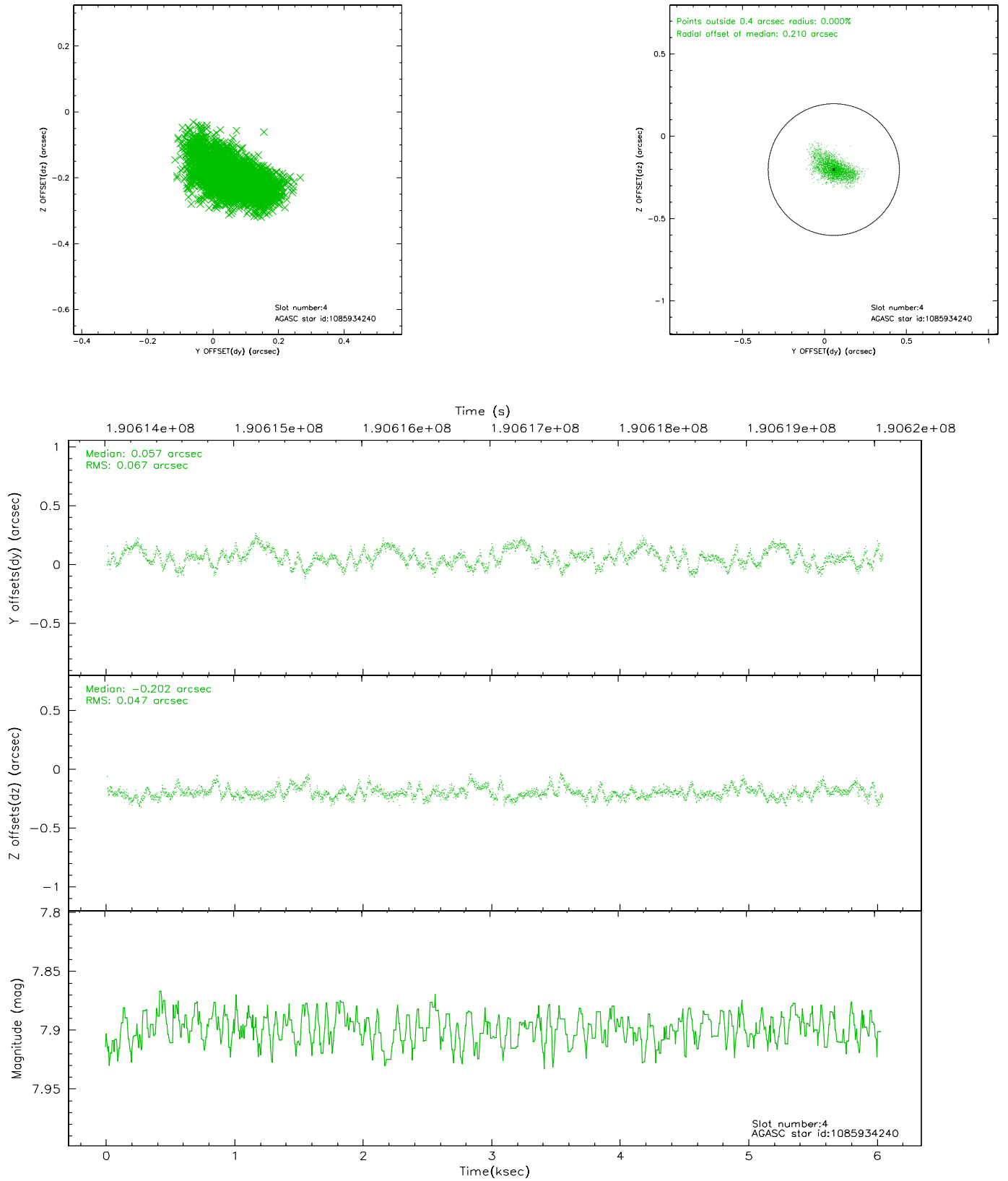


## 2.4 Star Slots

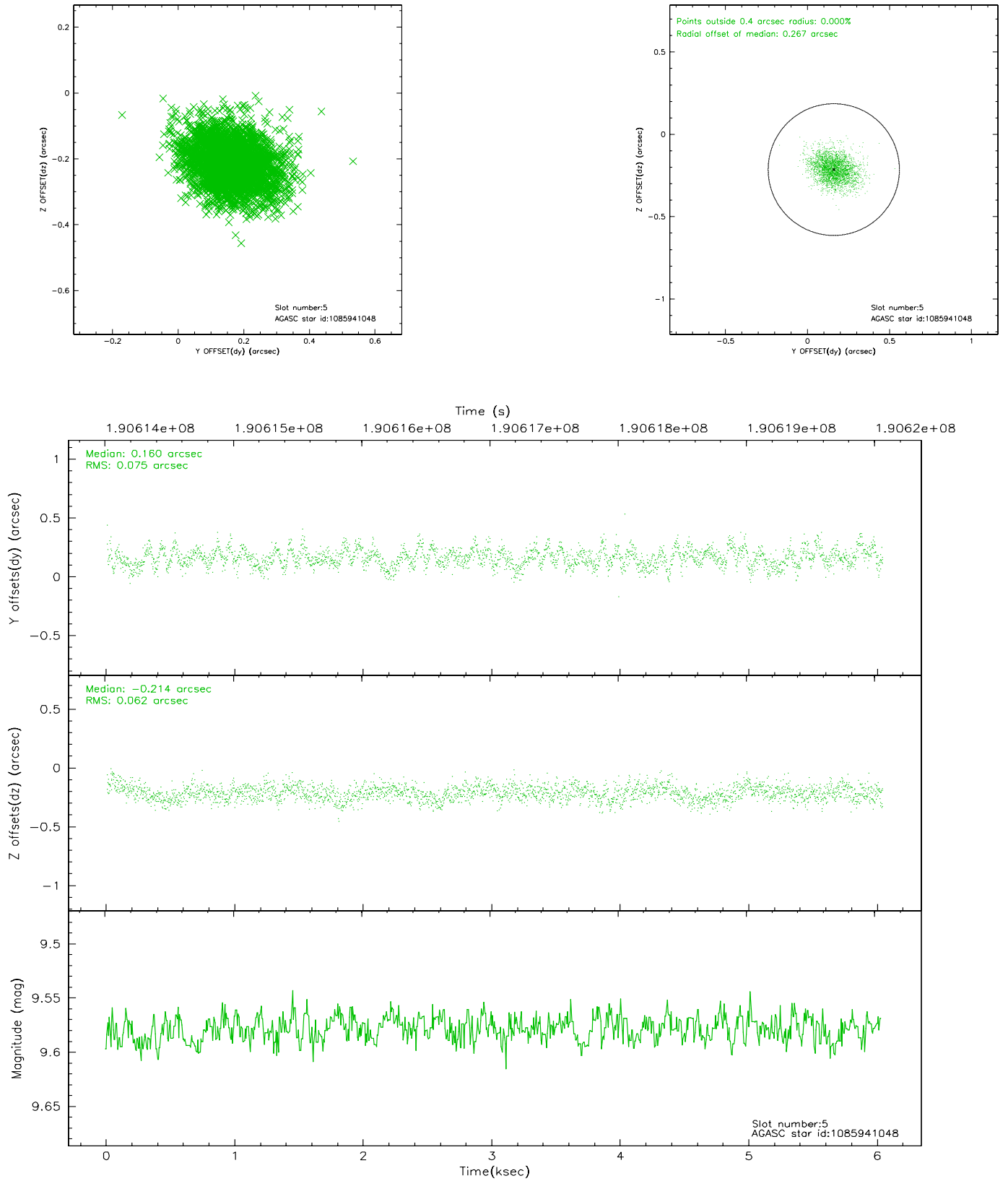
### 2.4.1 Slot 3



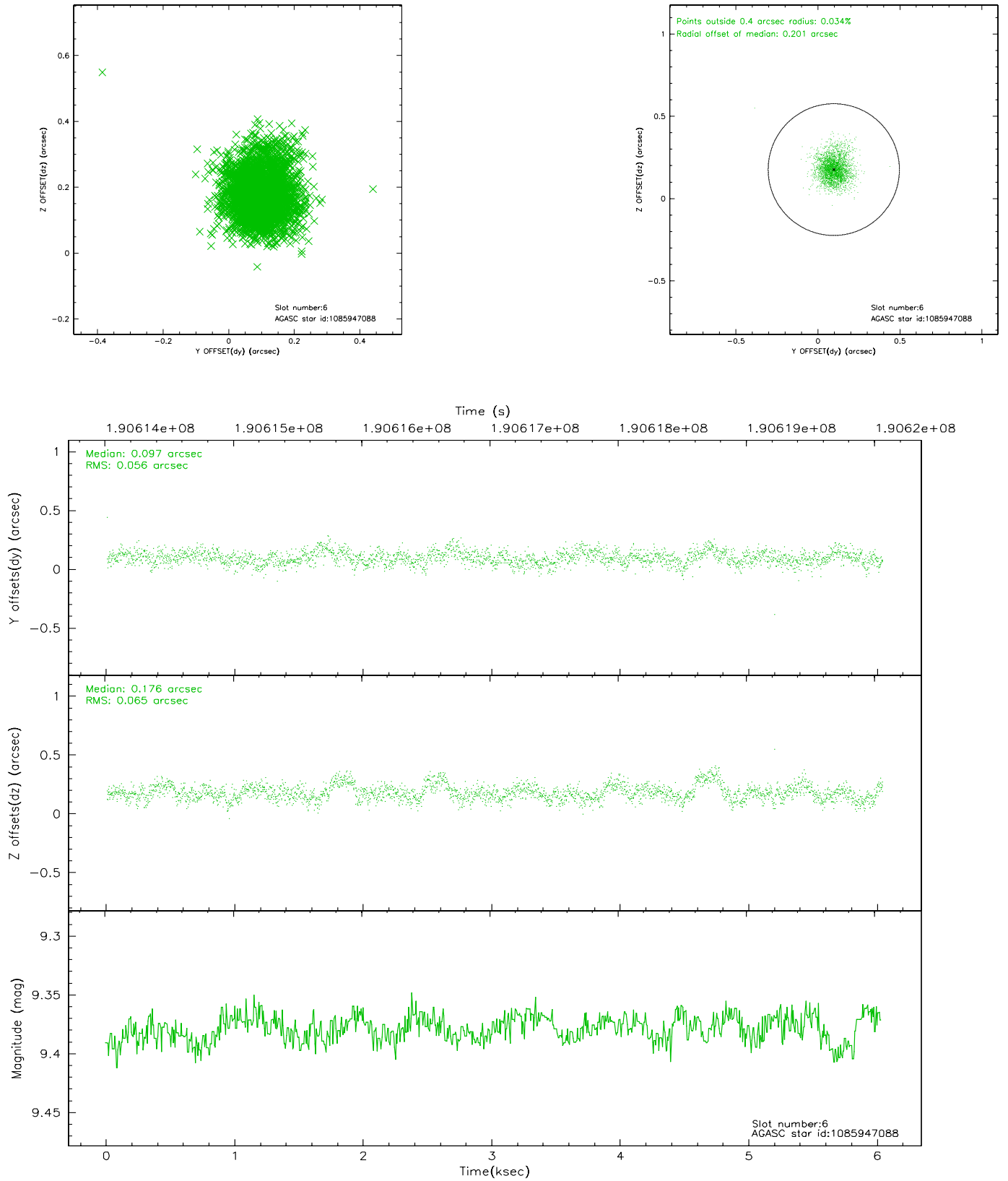
## 2.4.2 Slot 4



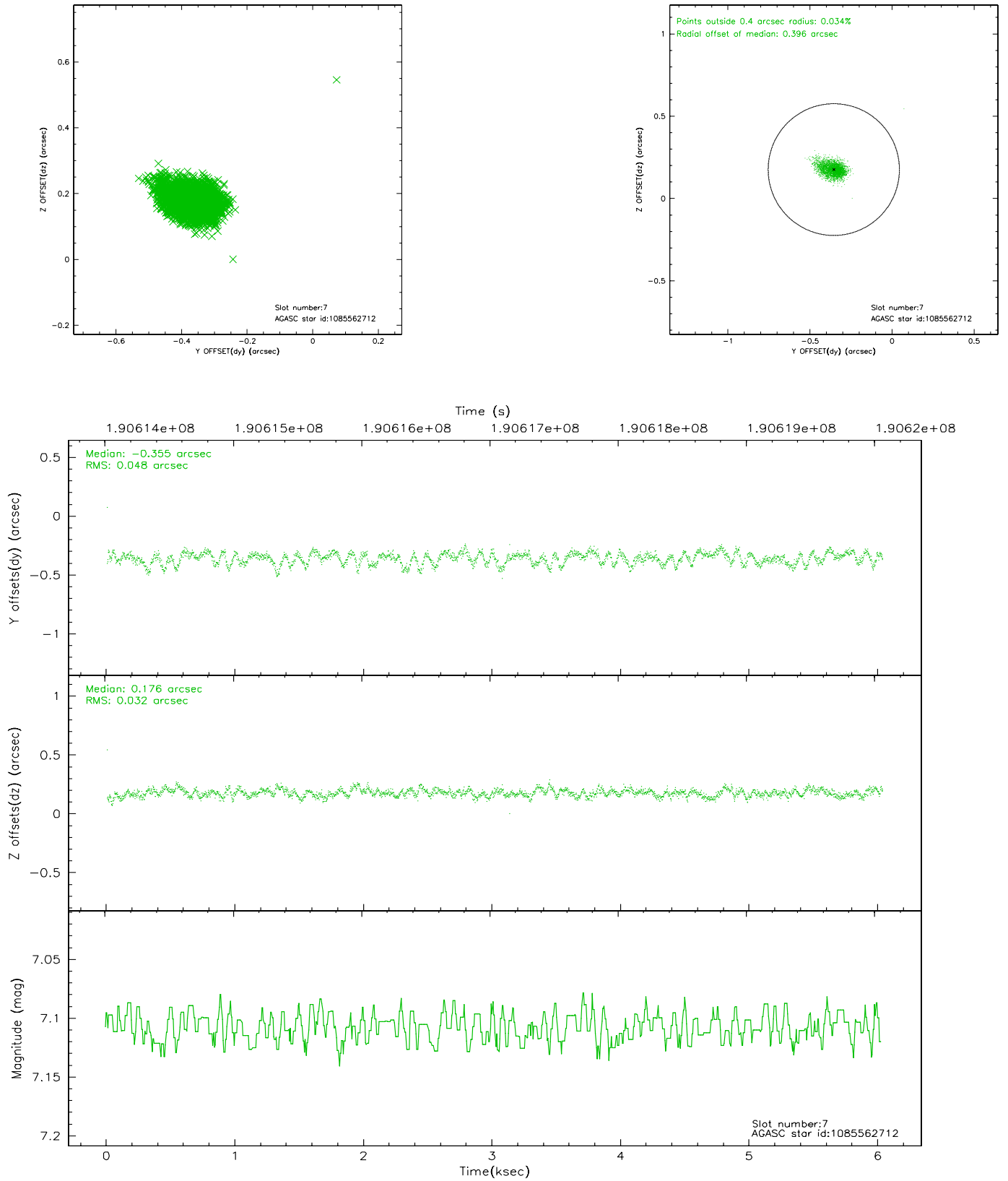
### 2.4.3 Slot 5



## 2.4.4 Slot 6

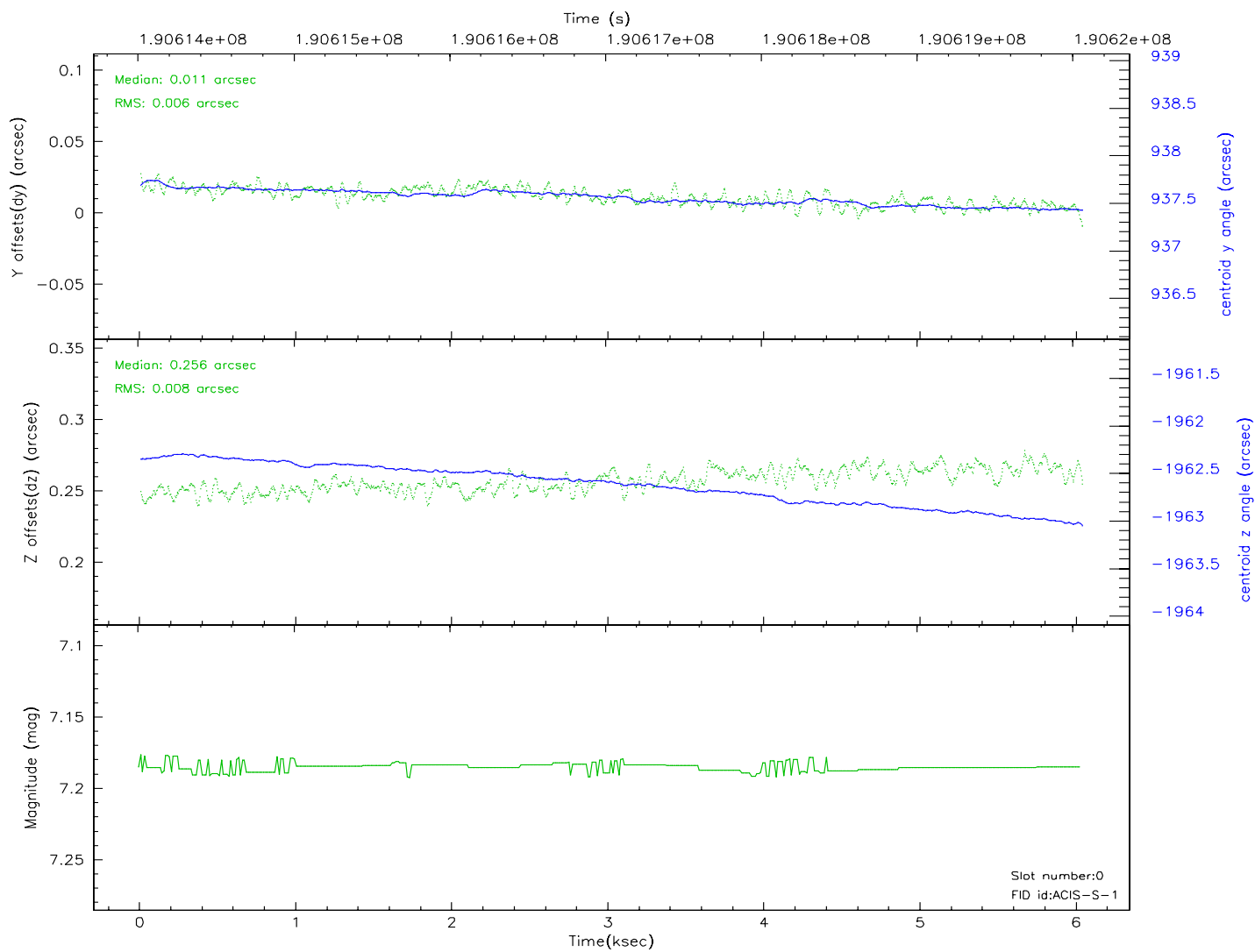
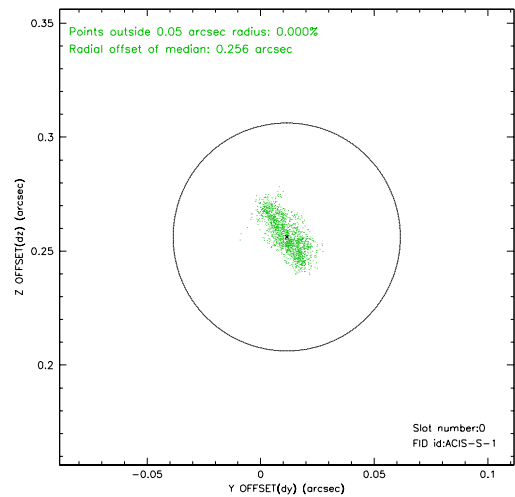
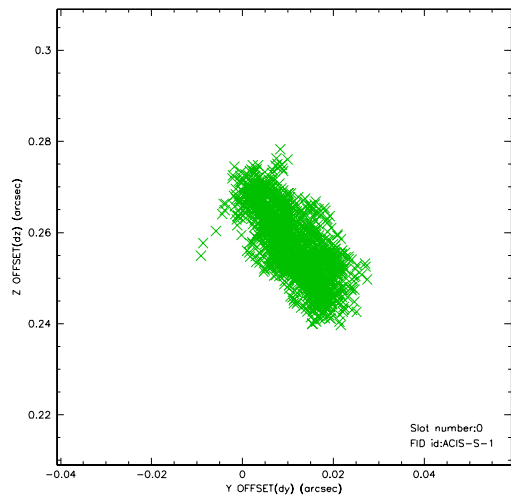


## 2.4.5 Slot 7

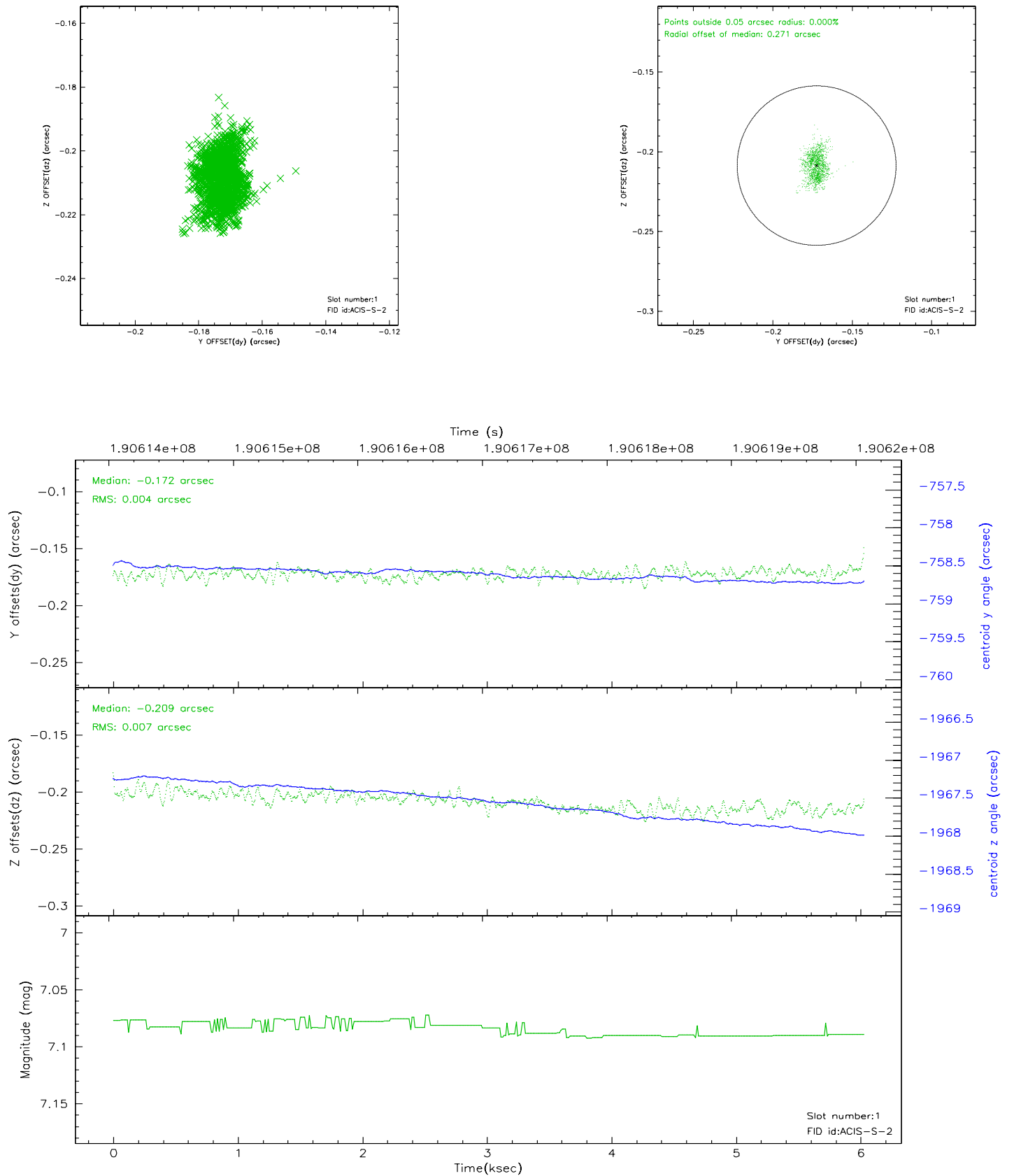


## 2.5 FID Slots

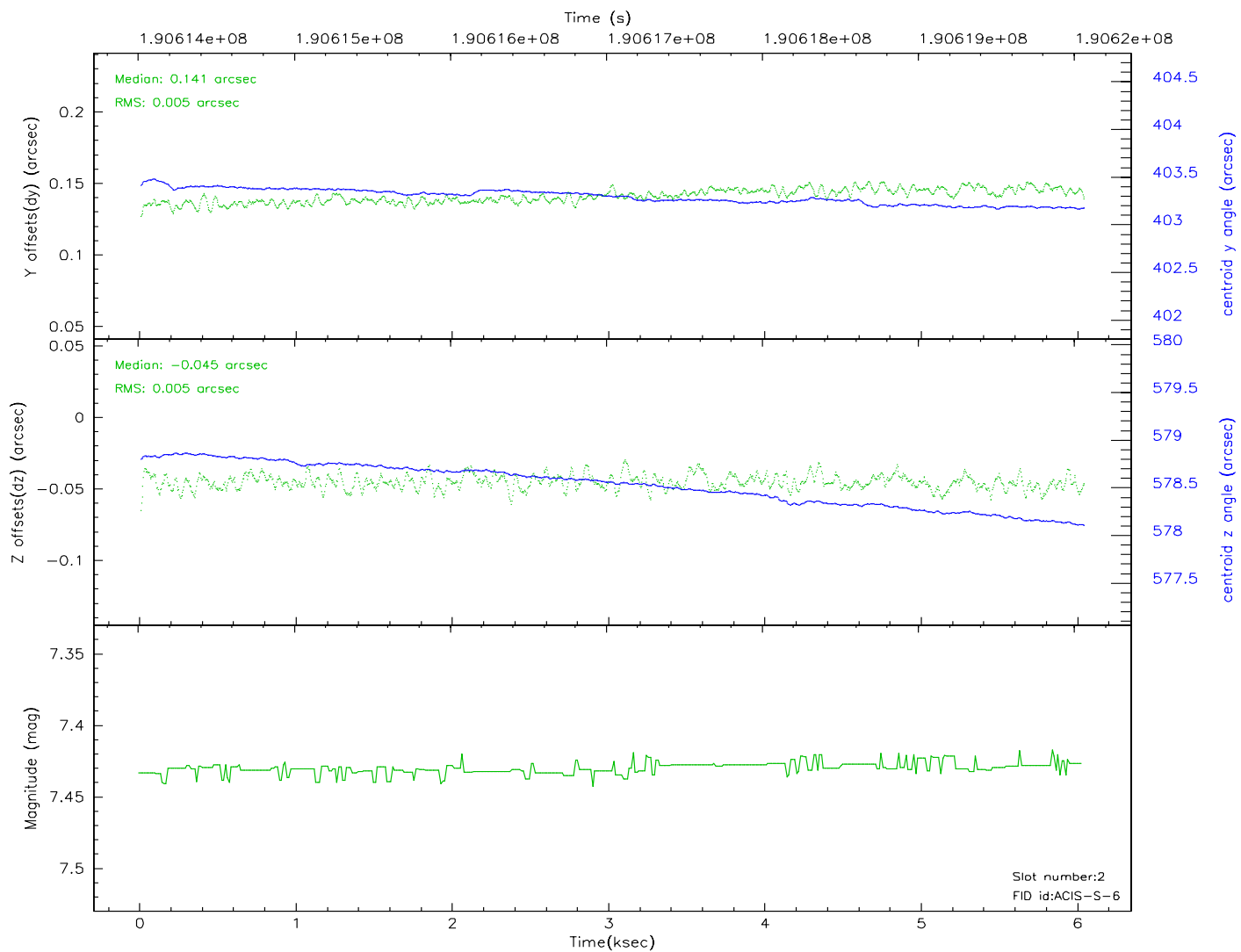
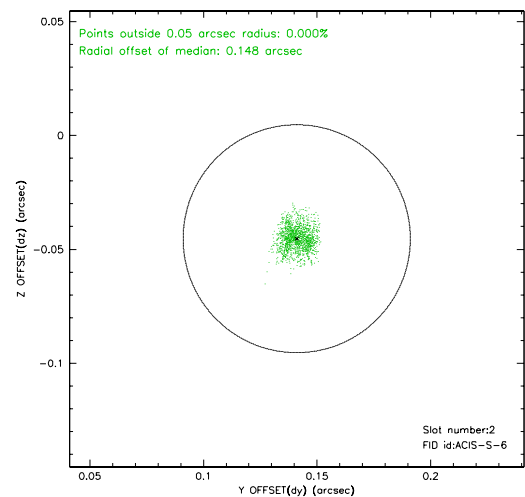
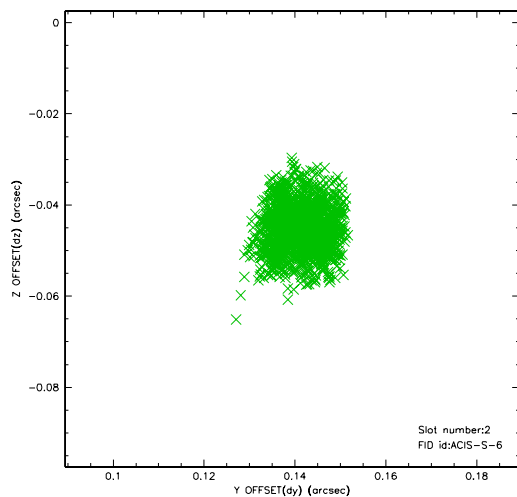
### 2.5.1 Slot 0



## 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)	2006.06.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.034

### A.2 Comments