

# V&V Reference Report

## L2 ASCDS Version : 7.6.7.1

Observation 5651 - L2 Version 002  
Chandra X-Ray Center

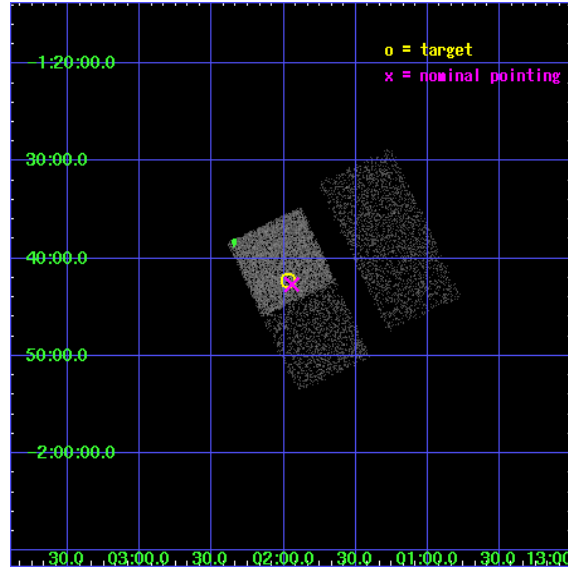
L2 Processing Date : Mar 8 2006

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# 1 Front

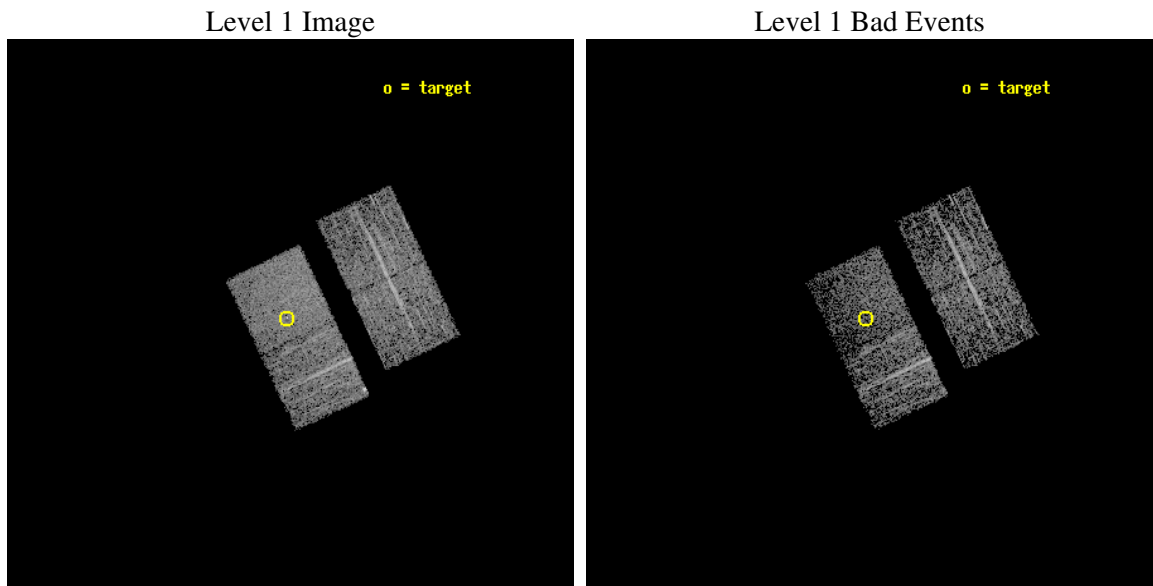
seq_num	701074
obs_id	5651
title	The Spectral Energy Distribution and Fe II Emission in Intermediate-Redshift Narrow-line Seyfert 1 Galaxies
observer	PROF. KAREN LEIGHLY
object	SDSS J130158.04-014212.1
dtcycle	0
cycle	P
ra_targ	195.491667
dec_targ	-1.703361
ra_nom	195.48597808412
dec_nom	-1.7111615493904
roll_nom	244.68966694686
revision	2
ontime	3180.5999938846
livetime	3139.0431134408
ontime2	3180.5999938846
ontime3	3180.5999938846
ontime6	3180.5999938846
ontime7	3180.5999938846
l2events	14080



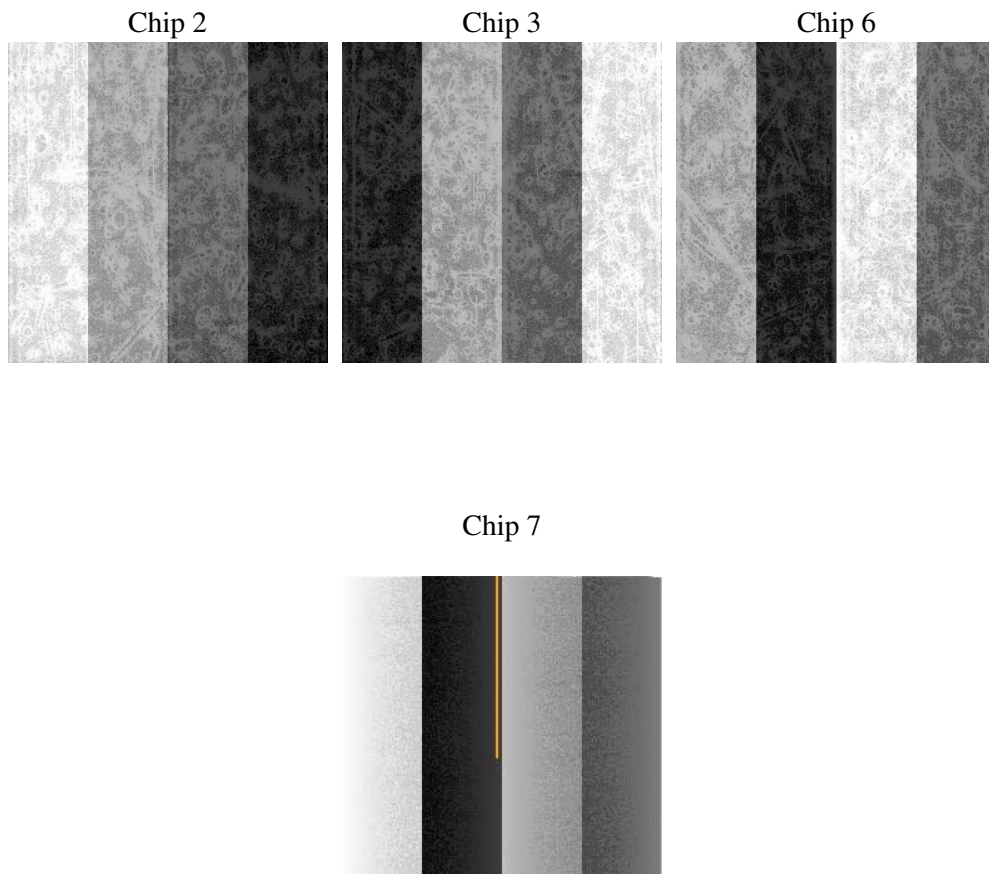
## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-03-08T16:50:42
revision	2

sched_exp_time	3000.000000
ontime	3357.7444934249
ontime2	3357.7444734871
ontime3	3357.7444934249
ontime6	3357.7444934249
ontime7	3357.7444934249
l1events	85027

### 2.1.4 Events

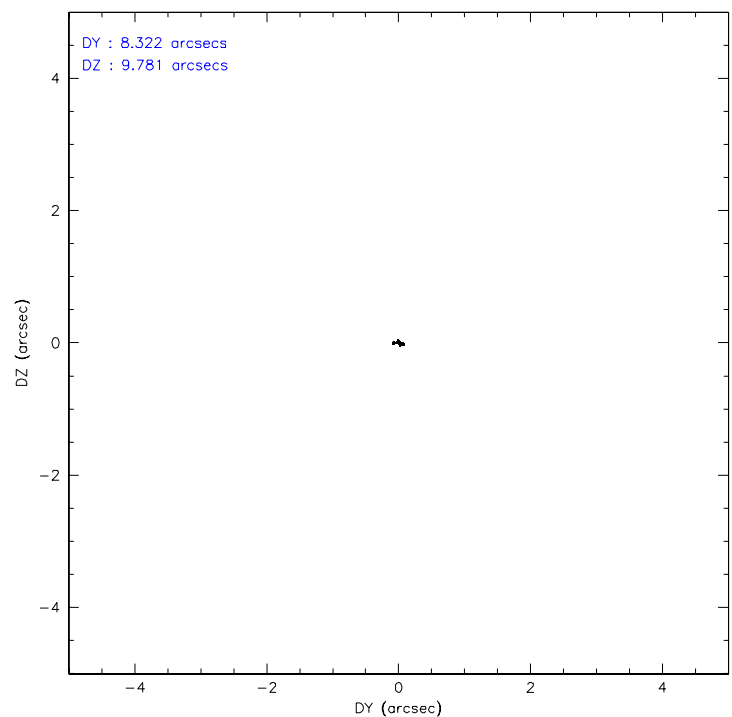
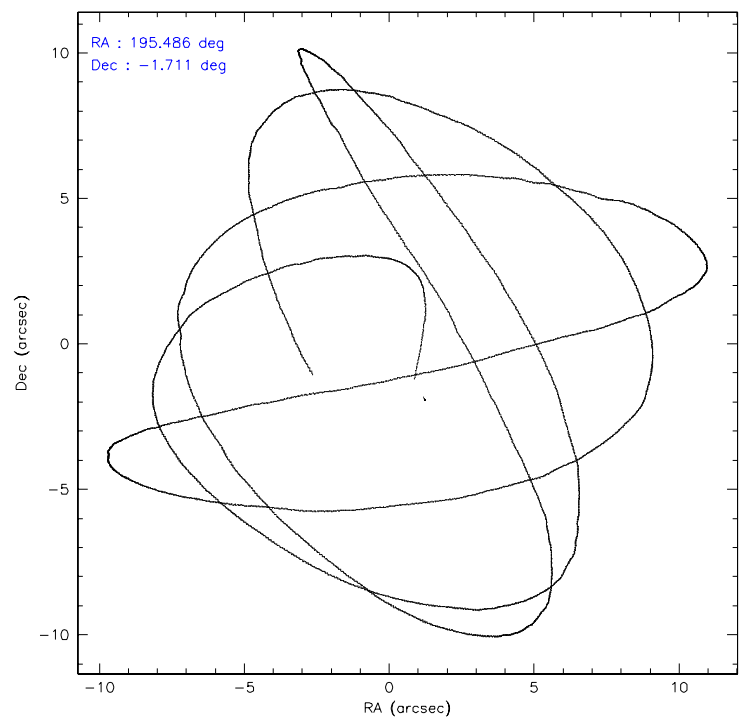
	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	20466	19814	21247	23500
rejected events	18577	18049	18959	13997
rejected %	90%	91%	89%	59%

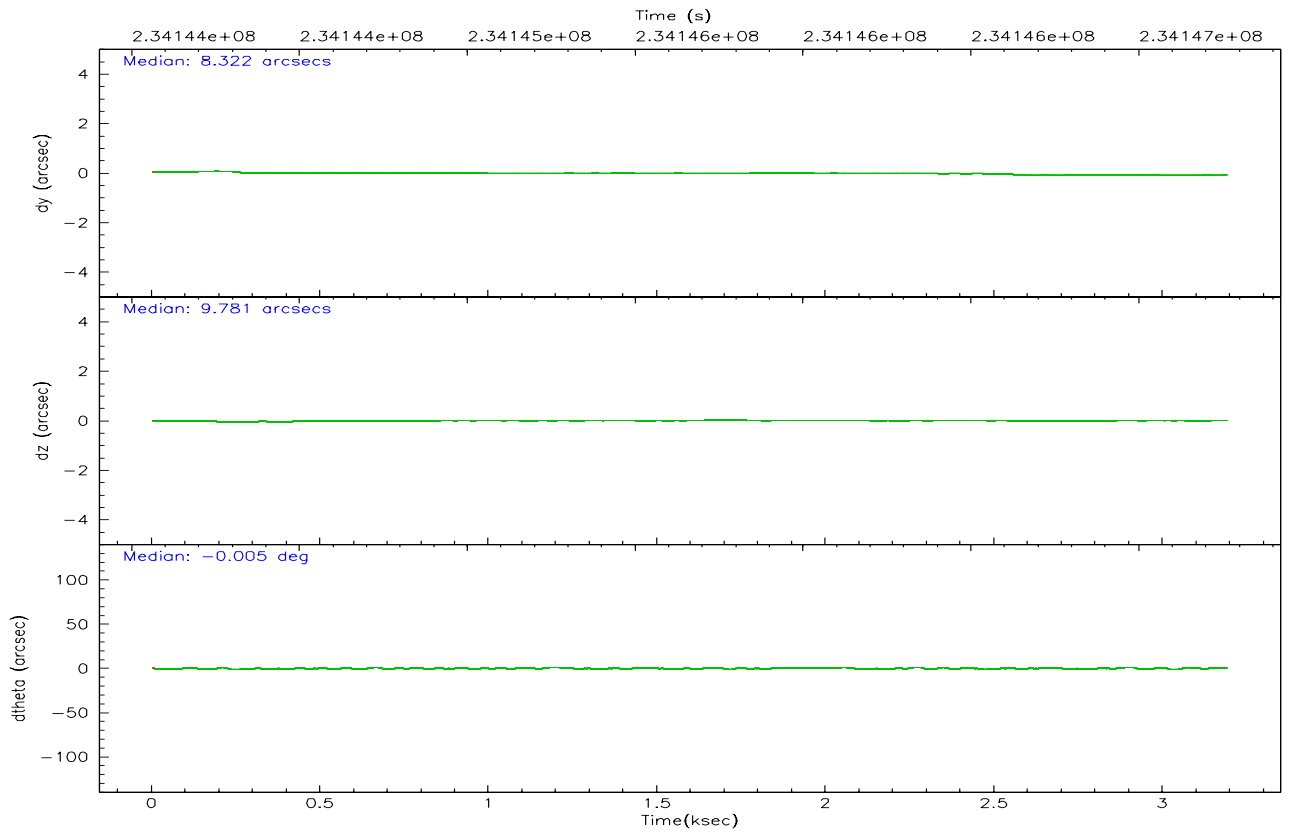
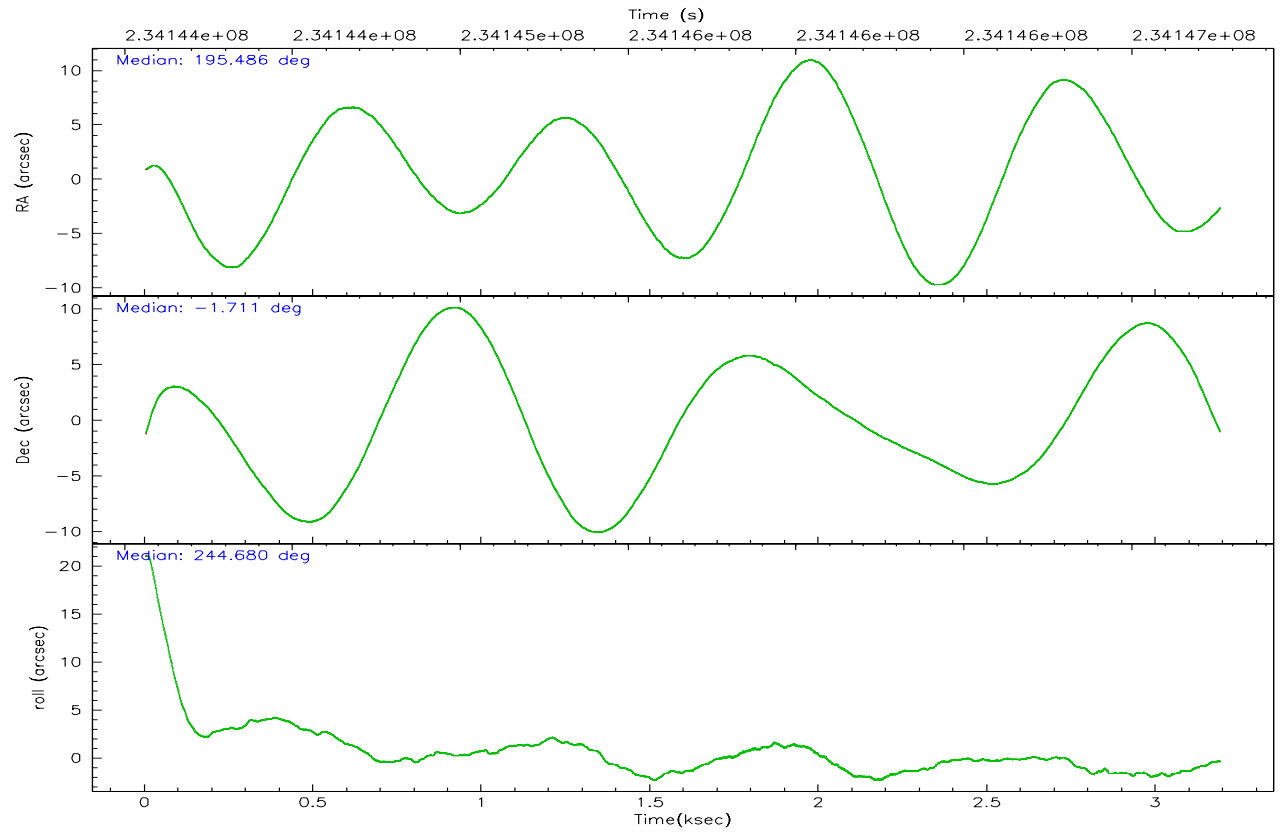
	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	720	637	1052	671
	3%	3%	4%	2%
grade 1 events	13	10	14	14
	0%	0%	0%	0%
grade 2 events	470	375	437	2446
	2%	1%	2%	10%
grade 3 events	217	240	249	554
	1%	1%	1%	2%
grade 4 events	214	222	252	565
	1%	1%	1%	2%
grade 5 events	757	867	844	1810
	3%	4%	3%	7%
grade 6 events	395	367	438	5776
	1%	1%	2%	24%
grade 7 events	17680	17096	17961	11664
	86%	86%	84%	49%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-2367	ACIS-2367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	195.483471	195.4859780841157	Alternating exposures requested	N	N
Pointing Dec	-1.684140	-1.711161549390367	Primary exposure time	0.000000	3.1
Pointing Roll	244.532908	244.6896669468638			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	234144257.184000	234143091.02396			
Observation start date	2005-06-03T00:03:13	2005-06-02T23:44:51			
Observation end time	234147257.184000	234148026.39919			
Observation end date	2005-06-03T00:53:13	2005-06-03T01:07:06			
Read mode	TIMED	TIMED			

## 2.3 Aspect





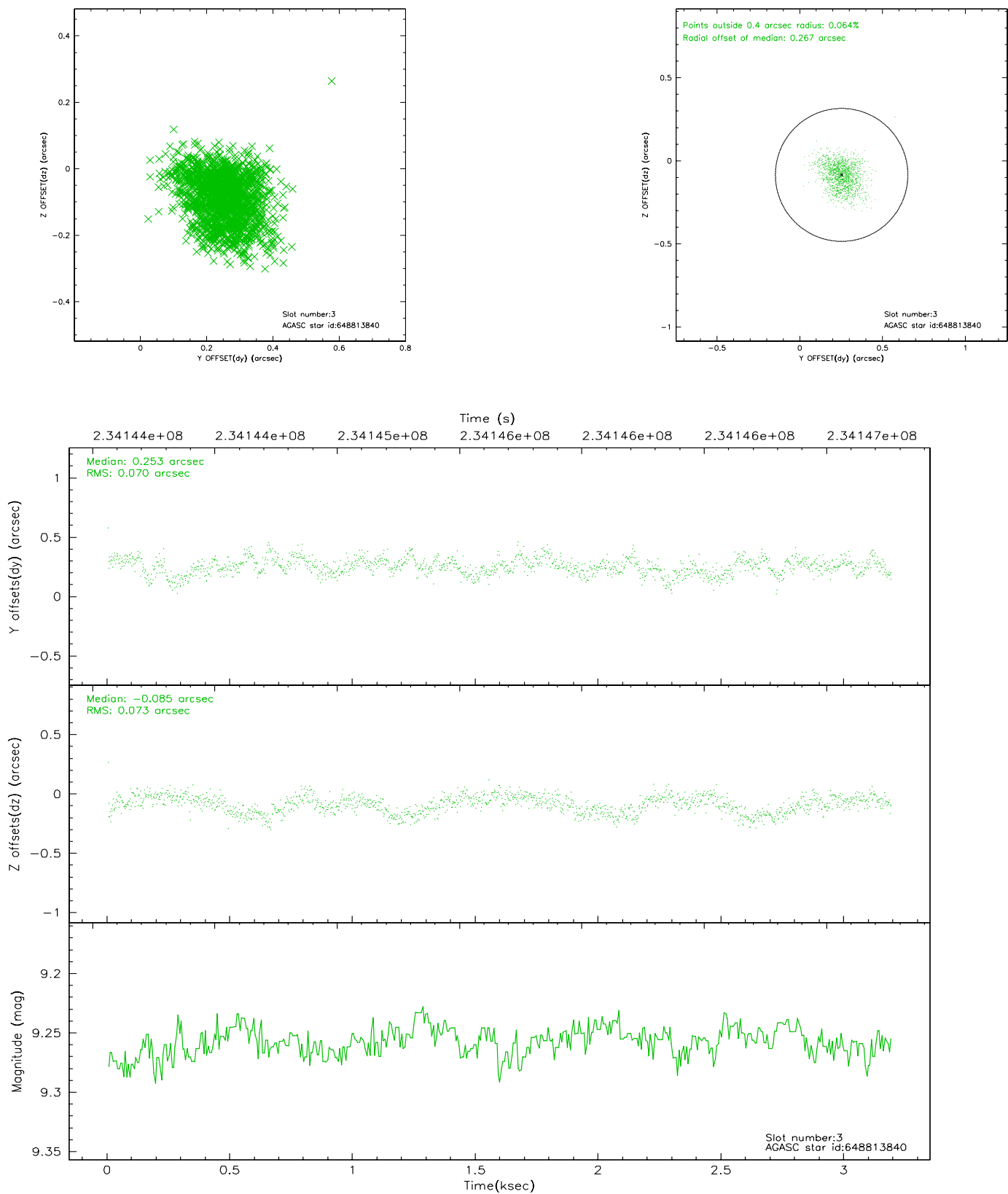
### Slot Statistics

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	778	-0.029	-0.011	0.006	0.010	0.000000	0.000000	-761.09	-1731.05
1	FID	ACIS-S-4	7.21	778	0.090	0.017	0.005	0.010	0.000000	0.000000	2151.36	175.46
2	FID	ACIS-S-5	7.23	778	-0.092	0.003	0.006	0.010	0.000000	0.000000	-1811.47	171.31
3	GUIDE	648813840	9.26	1553	0.253	-0.085	0.107	0.175	194.717621	-1.945504	2036.02	-2081.56
4	GUIDE	649730488	7.82	1555	-0.083	-0.152	0.072	0.112	195.031921	-1.185947	-918.49	-2239.31
5	GUIDE	649732424	10.04	1555	0.012	0.197	0.121	0.200	196.234606	-1.442922	-1946.60	2066.60
6	GUIDE	649732968	9.34	1553	-0.170	-0.002	0.080	0.130	195.738103	-1.507213	-970.28	555.42
7	GUIDE	649733928	9.96	1549	-0.014	0.052	0.128	0.211	196.067923	-1.879789	-268.80	2202.70

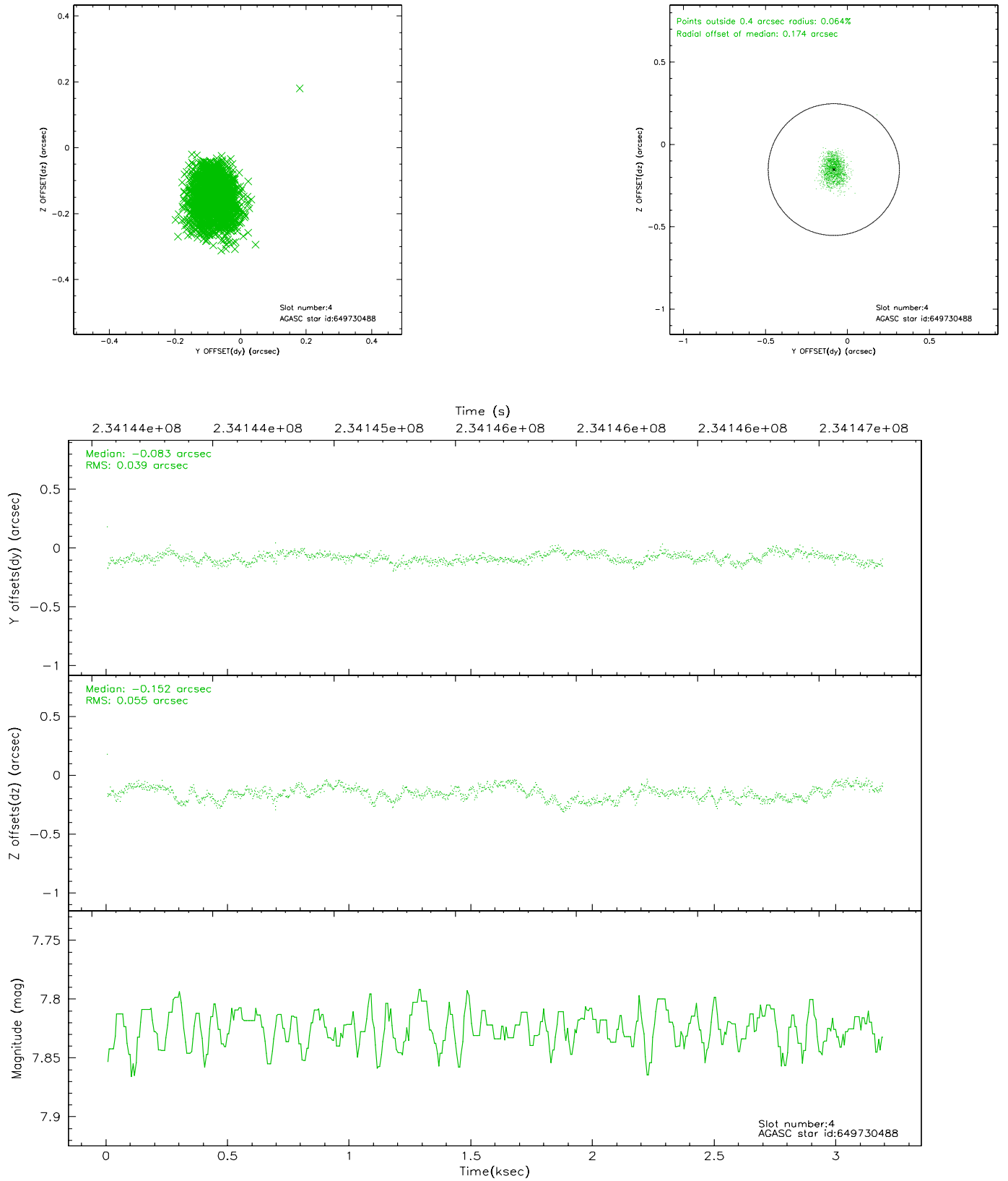


## 2.4 Star Slots

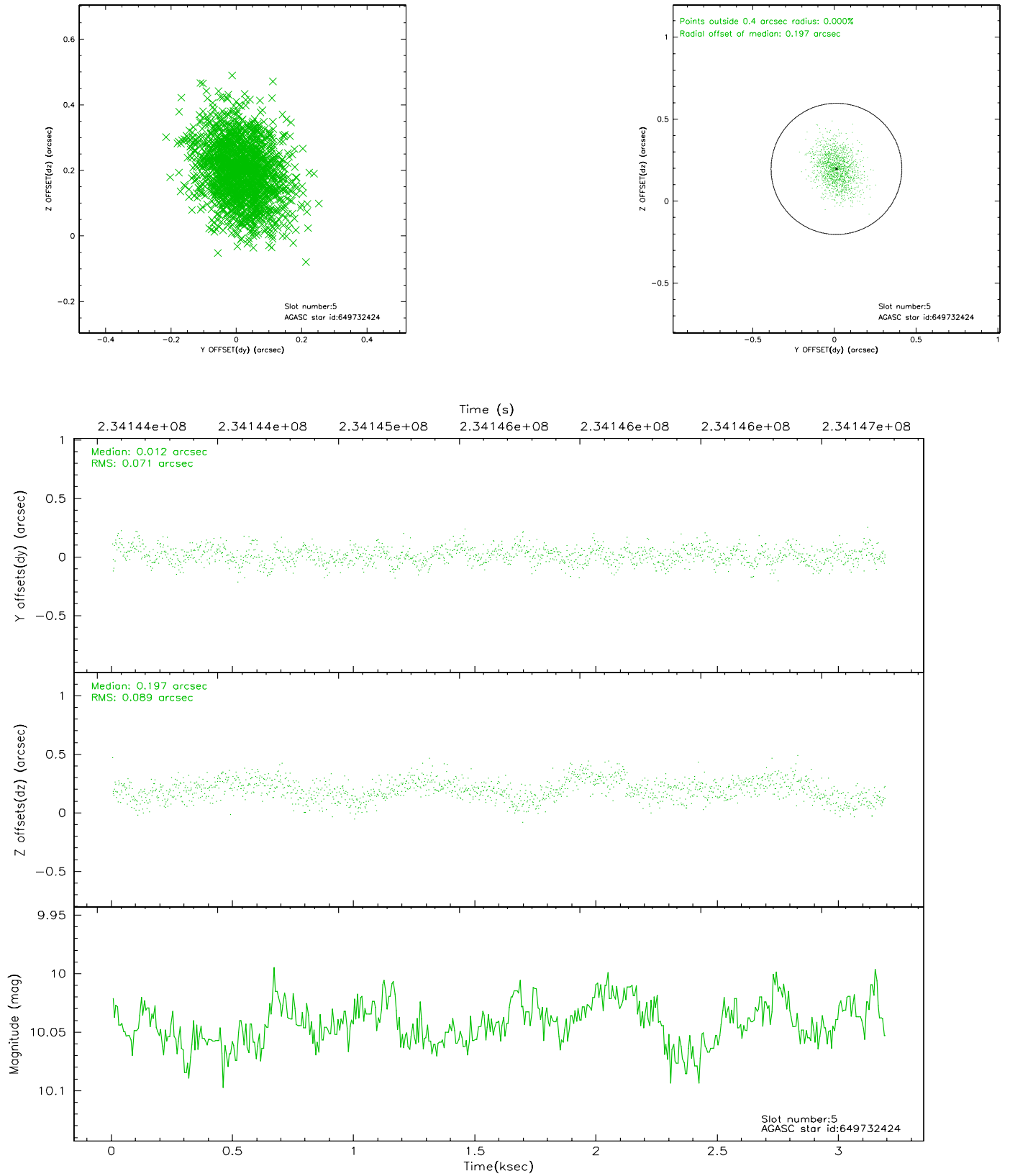
### 2.4.1 Slot 3



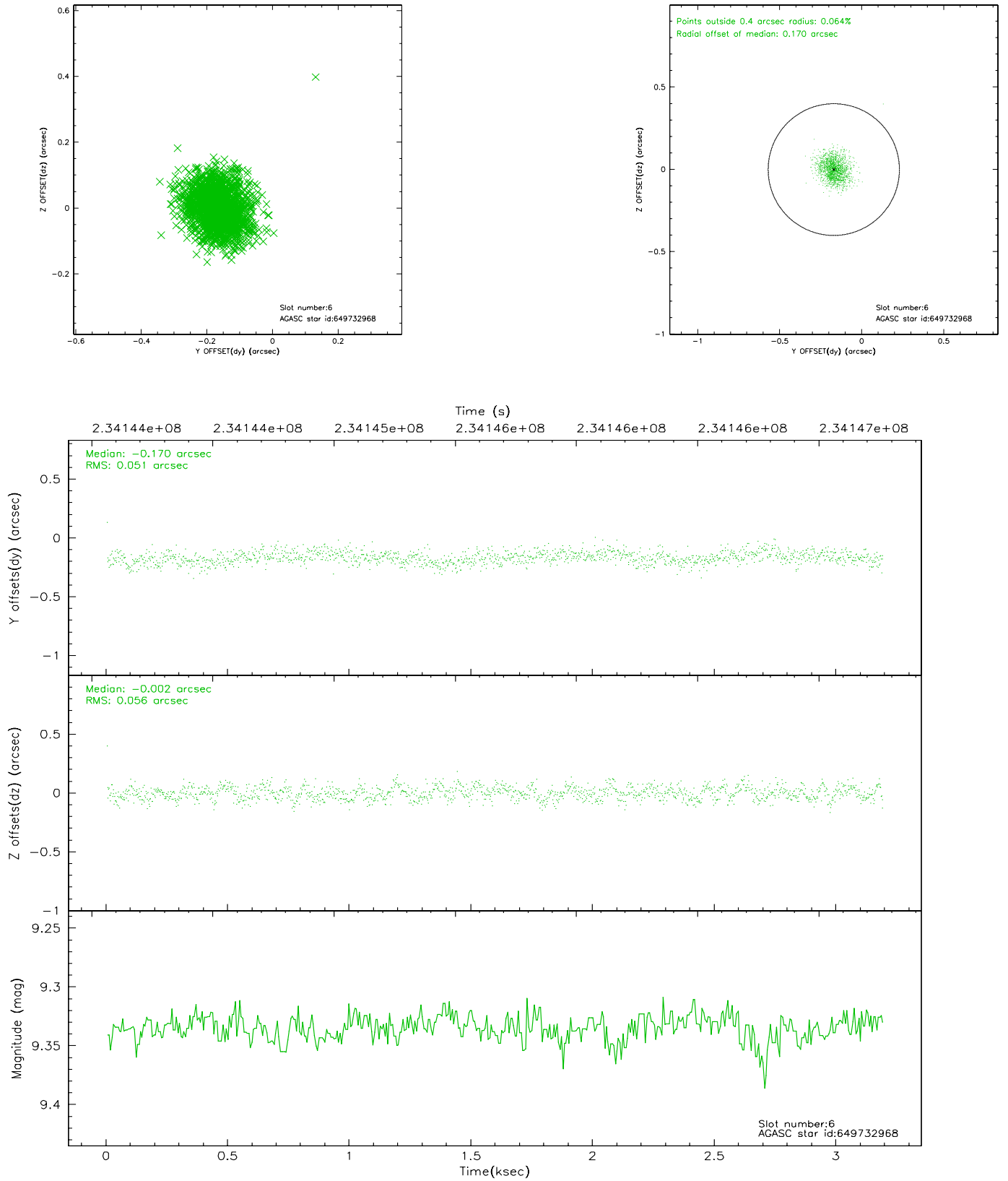
## 2.4.2 Slot 4



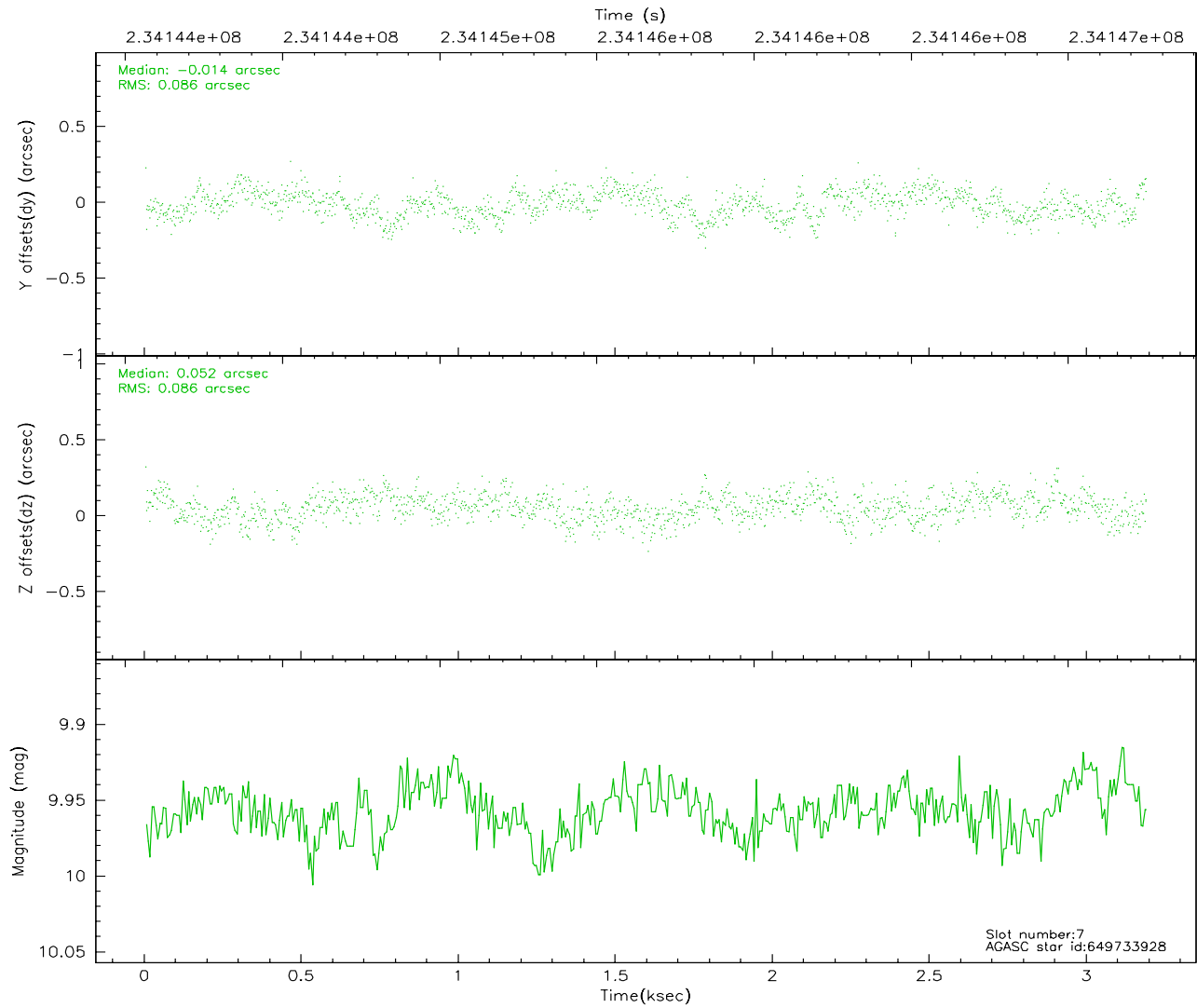
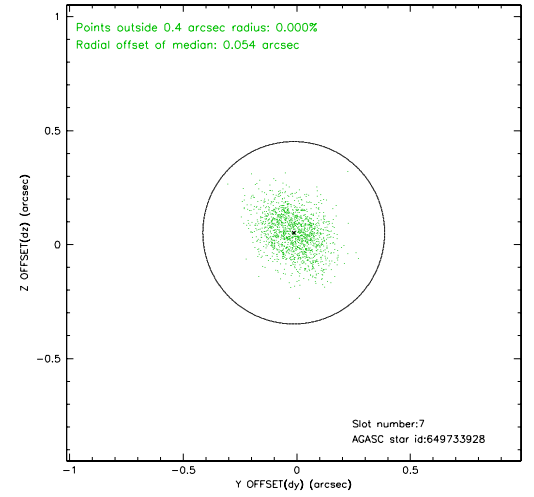
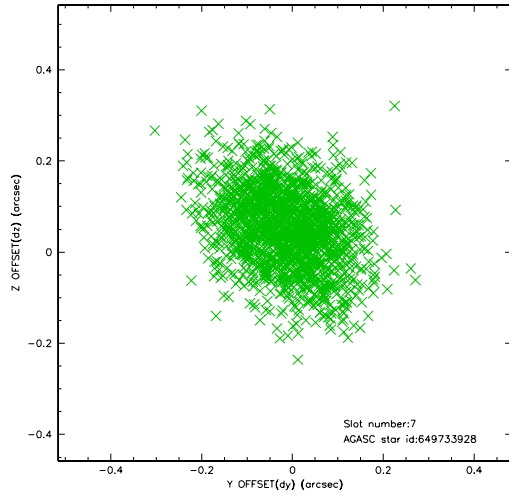
### 2.4.3 Slot 5



## 2.4.4 Slot 6

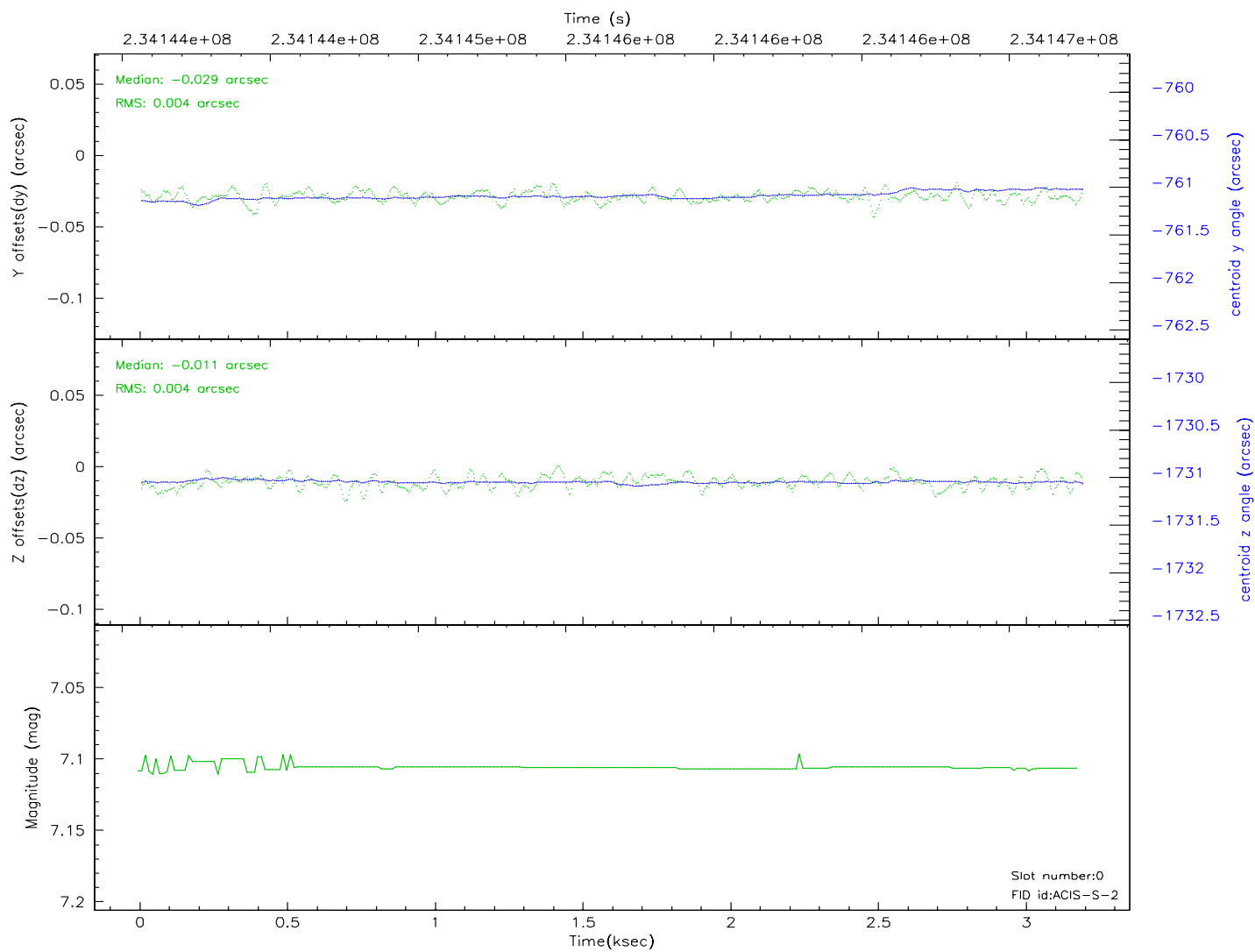
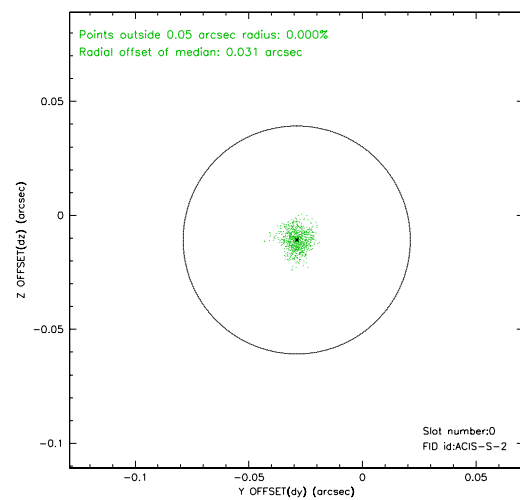
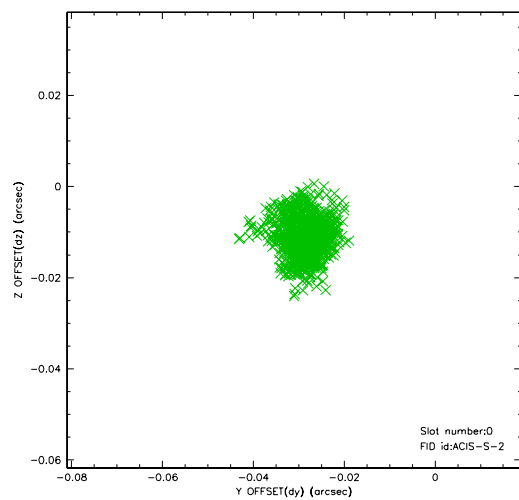


## 2.4.5 Slot 7

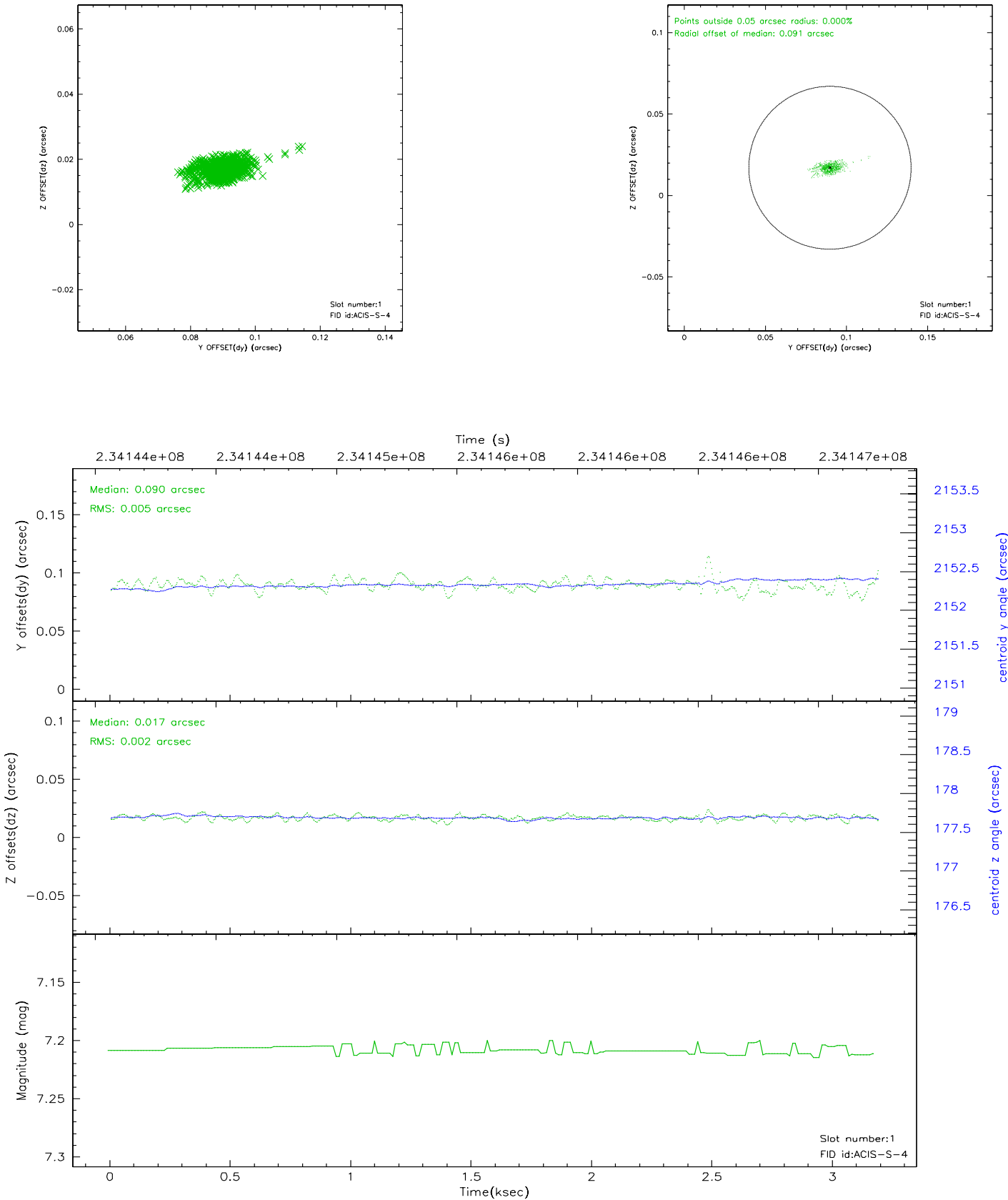


## 2.5 FID Slots

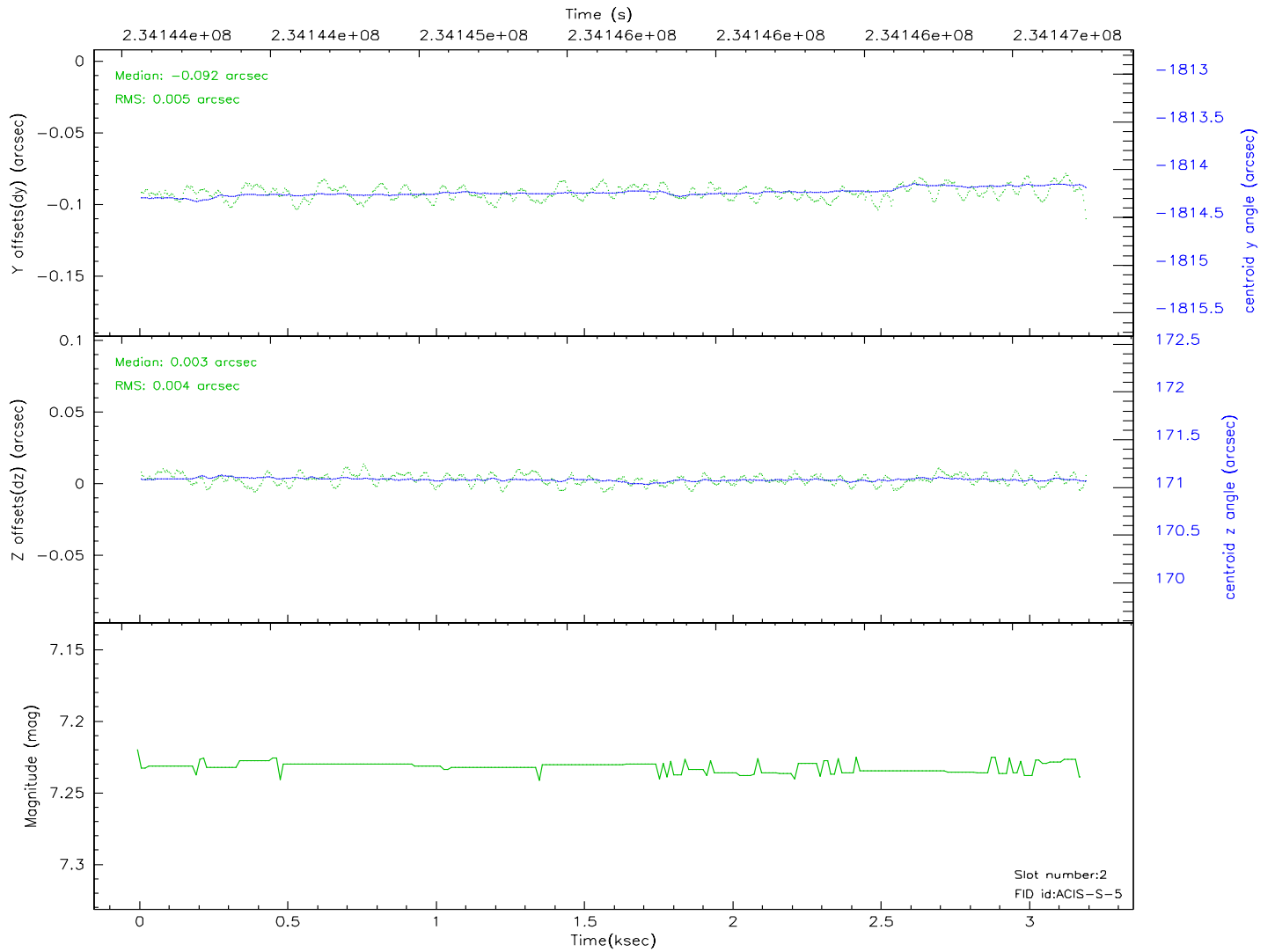
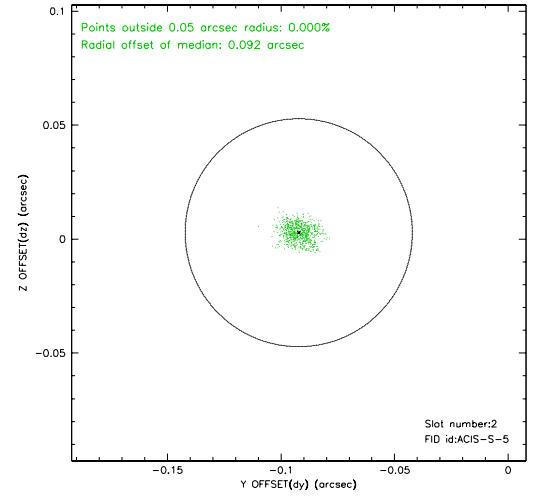
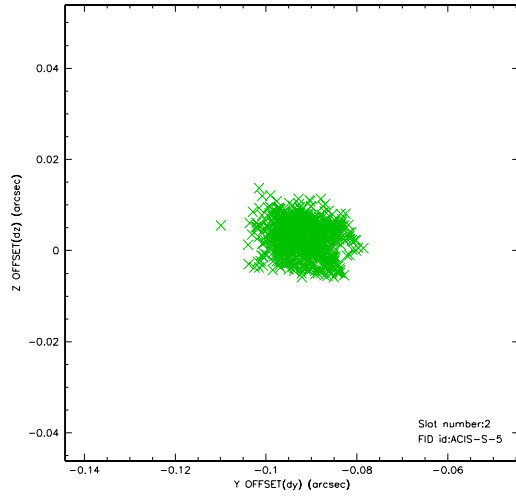
### 2.5.1 Slot 0



2.5.2 Slot 1



### 2.5.3 Slot 2





### 3 Point Sources

## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.03.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.180599

### A.2 Comments